



Curtiss-Wright Corporation
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Roseland, NJ 07068
(973) 597-4700

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April 30, 2003

VIA FEDERAL EXPRESS

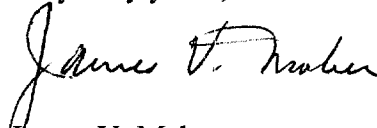
Ms. Kedari Reddy, Assistant Regional Counsel
Office of Regional Counsel - Region II
U.S. Environmental Protection Agency
290 Broadway - 17th floor
New York, New York 10007

Re: Lower Passaic River Study Area
Request for Information Pursuant to 42 U.S.C. §§ 9601-9675

Dear Ms. Reddy:

I am enclosing our response to the subject 104(e) request. The drawings which are responsive to question 6 d) are being reduced in size and copied and will be forwarded under separate cover.

Very truly yours,


James V. Maher

JVM:mad
Enc.

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Response to
Section 104(e)(2) Request for Information
Lower Passaic River Study Area

- 1) How long has your company operated at the facility? If your company no longer operates at this facility, during what years did your company operate at the facility?

Curtiss Wright Corporation (hereinafter "Curtiss-Wright" or "CW" or "the Company") operated the Wood Ridge facility for the U.S. Government from 1942 until 1946, when it purchased the site. It owned/operated the site [Wood Ridge facility] from 1946 until November 8, 1983. The company leased certain portions of the site beginning in 1972. This practice was continued until 2001. The current property owner is Wood Ridge Industrial LLC, which purchased the site in December 2001.

- 2) a) Does your company have or has it in the past had a permit or permits issued pursuant to the Resource Conservation and Recovery Act, 42 U.S.C. § 6901 et seq.? If yes, please provide the years that your company held such a permit and its EPA Identification Number.

Yes.

Available records indicate that a treatment, storage or disposal facility [TSDF] was operated at the Wood Ridge site under Interim Status [EPA Identification Number: NJD002013522]. This was a solvent recovery facility included in the RCRA Part A application by identification number: S-4-70-3732. The TSDF was closed in accordance with a RCRA Closure Plan in 1984.

- b) Does your company have or has it in the past had a permit or permits issued pursuant to the Federal Water Pollution Control act, 33 U.S.C. § 1251, et. seq. If yes, please provide the years that your company held such a permit.

Yes.

Curtiss Wright operated an industrial wastewater treatment facility (IWT) at the Wood Ridge site from 1942 to 1984. Its NJPDES-DSW Permit Number was NJ0022004. The IWT was closed at the time that the TSDF was closed, in accordance with the RCRA Closure Plan. Currently, CW operates a groundwater pump-and-treat system, re-injecting treated water in accordance with its NJPDES-DGW Permit, Number NJ07001312.

- 3) Did your company receive, utilize, manufacture, discharge, release, store or dispose of any materials containing the following substances:

	<u>Yes</u>	<u>No</u>
2,3,7,8-Tetrachlorodibenzo-p-dioxin		X
2,4-Dichlorophenoxy acetic acid (2,4-D)		X
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)		X
2,4,5-Trichlorophenol (2,4,5-TCP)		X
or other dioxin compounds		X
Dichlorodiphenyl-trichloroethate (DDT)		X
Benzene	X	
Ethylbenzene	X	
Total Petroleum Hydrocarbons (TPEH)	X	
Polyaromatic Hydrocarbons (PAH)	X	
If yes, please list specific compounds	Unavailable	
Toluene	X	
Xylene	X	

Xylene	X	
PCBs	X	
Antimony		X
Argon		X
Arsenic	X	
Cadmium	X	
Chlorine	X	
Chromium	X	
Iron	X	
Lead		X
Mercury	X	
Nickel	X	
Silver		X
Sulfur		X
Titanium		X
Vanadium		X
Zinc	X	
Cyanide	X	
Acetone		X
Acetylene	X	
Acetylene tetrabromide		X
2 Butoxyethanol		X
Bis (2-ethylhexyl) phthalate	X	
Chlorodifluoromethane		X
Chloropentafluoromethane		X
Chlorotrifluoromethane		X
Dibutyl phthalate		X
Dichlorodifluoromethane		X
Naphtha		X
Silver nitrate		X
Sodium bisulfide		X
Sodium hydroxide	X	
Sodium nitrate		X
Tungsten		X

- 4) a) Please provide a description of the manufacturing processes for which all-hazardous substances, including, but not limited to, the substances listed in response to item (3), were a product or by-product.

Curtiss-Wright did not manufacture hazardous substances.

b) During what parts of the manufacturing processes identified in response to items (4)(a), above, were hazardous substances, including, but not limited to, substances listed in response to item (3), generated?

- i) Describe the chemical composition of these hazardous substances.

In the aircraft engine manufacturing procedure, the basic functions of which included precision metal working, assembly and testing of aircraft engines and components, Curtiss-Wright utilized a variety of materials, including reagent chemicals in laboratory quantities, paint, electro-plating liquids, cleaning (degreasing) solvents, engine fuels, etc.

- ii) For each process, what amount of hazardous substances was generated per volume of finished product?

Detailed records of quantities of the materials used are not available. Spent materials and other wastes were generated during manufacturing and testing procedures. These cannot be related quantitatively to assembled aircraft engines.

- iii) Were these hazardous substances combined with wastes from other processes? If so, wastes from what processes?

Not to our knowledge.

- 5) Describe the methods of collection, storage, treatment, and disposal of all hazardous substances, including, but not limited to, the substances listed in response to item (3) and (4). Include information on the following:

- a) Identify all persons who arranged for and managed the processing, treatment, storage and disposal of hazardous wastes.

The following list reflects persons known to have arranged for or managed the processing, treatment, storage and disposal of hazardous wastes.

**Sanford H. Cole
288 Ash Road
Upper Saddle River, NJ 07458**

**Joseph Loprete
6934 Old Jonesboro Road
Bristol, TN 37620**

**Wyatt E. Vincent
Address Unknown**

**J. F. Walker
10 Murray Hill Square
New Providence, NJ 07974**

**T. J. Somers
Address Unknown**

**E.V. Wyatt
Address Unknown**

**Joseph Kopacz
Address Unknown**

**H.W. Gunther
301 Kildaire Woods Road
Apt. 32
Cary, NC 27511**

**J. L. Ward
211 Ocean Bay Boulevard
Lavalette, NJ 08735**

**W.H. Breen
Deceased**

**A. Humphries
Address Unknown**

**Michael San Philip
C/o Larkin Service Corp.
55 Main Street
Chatham, NJ 07928**

**Michael Fox
Address Unknown**

**Geri Q. Murtha
C/o Curtiss-Wright Corporation
P. O. Box 10213
Fairfield, NJ 07004**

**Kent H. Garson
C/o Curtiss-Wright Corporation
P. O. Box 10213
Fairfield, NJ 07004**

- b) If hazardous wastes were taken off-site by a hauler or transporter, provide the names and addresses of the waste haulers and the disposal site locations.

The following firms were identified in the RCRA Closure Plan:

**Cecos International Inc.
56th Street and Pine Street
Niagara Falls, NY 14300**

**SCA Chemical Services
1550 Balmer Road
Model City, NY 14107**

**S&W Waste Inc.
115 Jacobus Avenue
South Kearny, NJ 07032**

**Delaware Container
W. 11th Avenue and Valley Road
Coatesville, PA 19320**

**SCA Chemical Services
107 Albert Avenue
Newark, NJ 07105**

**Lionetti Oil
Runyon & Cheesequake Road
Old Bridge, NJ 08557**

Other firms known to have been used include:

**Freehold Cartage Co.
Hwy 33
Freehold, NJ 07728**

**American Recovery Co.
1901 Birch Street
Baltimore, MD 21226**

**Radiac Research Inc.
261 Kent Avenue
Brooklyn, NY 11211**

**G & G Transport Co., Inc.
1801 W. Indiana Avenue
Philadelphia, PA 19132**

**Nobel Oil Co.
Route 206
Vincentown, NJ 08088**

**Chem Clear Inc.
Jeffrey and Delaware Streets
Philadelphia, PA 19013**

**Waste Conversions Inc.
2859 Sandstone Drive
Hatfield, PA 19440**

**Fondessey Enterprises Inc.
876 Otter Creek Road
Oregon, OH**

**Nassau Tank Cleaners Service Inc.
321 Nassau Avenue
Brooklyn, NY 11222**

**Nassau Tank Cleaners Service Inc.
94 Hausman Street
Brooklyn, NY 11222**

**Frontier Chemical Waste Process
1626 Royal Avenue
Niagara Falls, NY 14303**

**Emergency Technical Service Corporation
Route 515
Vernon, NJ 07462**

**AETC
Goldmine Road
Flanders, NJ 07836**

**R&R Sanitation
P.O. Box 422, RD 4
Randolph, NJ 07869**

**SCA Corporation
Box, 55, RD 1
Pinewood, SC**

**Resource Management
P.O. Box 550
Port Reading, NJ**

**Kit Enterprises
Elizabeth, NJ**

**Environmental Pumping
P.O. Box 550
Port Reading, NJ**

**Active Oil Service
100 Riverside Avenue
Newark, NJ 07104**

**B&L Corp.
Freylinghuysen Avenue
Newark, NY 07144**

**Cyclechem
217 South First Street
Elizabeth, NJ**

**Casie Protank
3209 North Mill Road
Vineland, NJ 08300**

**Norlite Corporation
628 South Saratoga Street
Cohoes, NY 12047**

**S&M Waste Oil Inc.
Route 209
Milford, PA 18337**

**Lube Oil Service
740 Lloyd Rd
Aberdeen, NJ 07747**

John Pfrommer, Inc.

**PPM, Inc.
4105 Whitaker Avenue
Philadelphia, PA 19124**

Tri-State Motor Transit

**Adsorption Systems, Inc.
1000 Dupont Road, Bldg. 170
Morgantown, WV 26505**

Merola Enterprises

**Aptus Inc.
21750 Cedar Avenue
Lakeville, MN 55044**

**S&M Waste Oil
Route 6 and 209
Milford, PA 18337**

**CWM - Chemical Services, Inc.
1550 Belmer Road
Model City, NY 14107**

**Carbon Reactivation Inc.
1000 Dupont Road, Bldg. 170
Morgantown, WV 26505**

Dart Trucking Co., Inc.

**Aptus, Inc.
11600 North Aptus Road
Aragonite, UT 84029**

c) Describe all storage practices employed by your company.

- i) If drums were stored outside, were the drums stored on the ground or were they stored on areas that had been paved with asphalt or concrete? Please provide a complete description of these storage areas.

Curtiss-Wright's Wood Ridge facility was identified as a generator of hazardous waste and as operating a treatment, storage and disposal facility (TSDF), EPA ID No. NJD002013522. Spent materials and wastes were stored in both above- and underground storage tanks. Certain materials/wastes were stored both inside and outside in drums. It is believed that little or no storage of drummed materials on unprotected soils was practiced because the site is largely covered by buildings and asphaltic and concrete surfaces.

- ii) When drums were stored outside, were empty drums segregated from full drums?

Unknown.

- d) What processes do you use to treat your waste? What do you do with the waste after it is treated?

The TSDF consisted of a solvent recovery system including a stripper, storage tanks and ancillary equipment. Recovered materials were re-used. Wastes resulting from this operation and those generated in the closure of the TSDF were disposed of off-site.

Currently, Curtiss-Wright operates a groundwater pump-and-treat system that relies on an oil-water separator, air stripping and carbon treatment. Wastes, recovered from operation of this system, are disposed of off-site.

- 6) a) For process wastes generated at the facility which contained any hazardous substances, including, but not limited to, the substances listed in response to item (3) and (4):
- i) Where was the waste water discharged and during what years?
 - ii) Was the waste water discharged into a sanitary sewer and, if so, during what years?
 - iii) Was the waste water treated before being discharged to the sanitary sewer and, if so, how? Please be specific.
 - iv) If the waste waters were not discharged to the sanitary sewer, where were they disposed and during what years?
 - v) Please provide the results of any analyses performed on any waste process streams generated by the facility.

Curtiss-Wright operated an Industrial Wastewater Treatment facility (IWT) [NJPDES Permit Number NJ0022004]. Treated effluent was discharged to Feld's Brook. During the early 1980's, the discharge of treated effluent was directed to the Passaic Valley Sewerage Authority via its sewerage mains.

- b) For floor drains or other disposal drains at the facility:
- i) Did the drains connect to other sanitary sewer and if so, during what years?
 - ii) If the floor drains or other disposal drains at the facility were not discharged to the sanitary sewer, where did they discharge and during what years?

Floor drains were directed to the IWT facility on site.

- c) i) Did any storm sewers, catch basins or lagoons exist at any time at the facility and if so, during what years?

There were catch basins as part of the storm sewer system. There were no lagoons on the site.

- ii) If catch basins or lagoons existed, were they lined or un-lined?

Concrete catch basins were used.

- iii) What was stored in the lagoons?

Not applicable.

- iv) Where was the discharge from any of these structures released and during what years? Was this discharge treated before its release and if so, how and during what years? What was the chemical composition of any waste waters released?

See responses to Questions 6(a) and (b), above.

- d) Please supply diagrams of any waste collection, transport or disposal systems on the property.

To be supplied.

- 7) a) For each hazardous substance, including, but not limited to, the substances listed in response to item (3) or identified in the responses to item (4), above, provide the total volume generated during the operation of the facility on an annual basis.

Unknown.

- b) Were any hazardous substances, including, but not limited to, the substances listed in response to item (3) or identified in the responses to item (4) above, disposed of in the Passaic River or discharged to the Passaic River? If yes, identify the hazardous substances, estimate the amount of material discharged to the Passaic River and the frequency with which this discharge or disposal occurred. Also, please include any sampling which you might have done after any discharge or disposal.

No.

- 8) Please identify any leaks, spills, explosions, fires or other incidents of accidental material discharge that occurred at the facility during which or as a result of which any hazardous substances, including, but not limited to, the substances listed in response to item (3) or (4), were released on the property, into the waste water or storm drainage system at the facility or to the Passaic River. Provide any documents or information relating to these incidents, including the ultimate disposal of any contaminated materials.
- a) Please provide the results of any sampling of the soil, water, air or other media after such incident and before and after any clean-up. Please provide in this information all sampling performed for or by NJDEP.

There is no information regarding leaks, spills, explosions, fires or other incidents of accidental material discharge. The site is the subject of a clean up being conducted under New Jersey's Industrial Site Recovery Act, Case Number 84205. There are voluminous files on this case since it dates back to 1984. These, as well as other documents reflecting the information contained in this response, may be reviewed at the NJDEP offices in Trenton, New Jersey and at Curtiss-Wright.

- 9) a) Was your facility ever subjected to flooding. If so, what was the flooding do to:
- i) overflow from a sanitary sewer or storm sewer back-up, and or
- ii) flood overflow from the Passaic River.

No.

- b) Please provide the date and duration of each flood event.

Not applicable.

- 10) Please provide a detailed description of any civil, criminal or administrative proceedings against your company for violation of any local, State or federal laws or regulations relating to water pollution or hazardous waste generation, storage, transport or disposal. Please provide copies of all pleadings and depositions or other testimony given in these proceedings.

See attached Exhibit 10 containing materials relating to NJDEP administrative proceeding, EA ID #PEA020001-NJD002013522, concerning its Notice of Violation and administrative fines.

- 11) Please provide a copy of each document which relates to the generation, purchase, use, handling, hauling, and/or disposal of all hazardous substances, including, but not limited to, the substances listed in response to item (3) or (4). If you are unable to provide a copy of any document, then identify the document by describing the nature of the document (e.g. letter, file memo, invoice, inventory form, billing record, hazardous waste manifest, etc.) describe the

relevant information contained therein. Identify by name and job title the person who prepared the document. If the document is not readily available, state where it is stored, maintained, or why it is unavailable.

See the response to Question No. 8.

- 12) a) Did you or anyone else sample the soils, ground water, surface water, ambient air or other environmental media at the facility for purposes other than those identified in questions above?
- b) If so, please provide all other documents pertaining to the results of these analyses.

No. See also the response to Question No. 8.

- 13) a) Has your company owned the facility at the location designated above? If so, from whom did your company purchase the property and in what year? If your company subsequently sold the property, to whom did your company sell it and in what year? Please provide copies of any deeds and documents of sale.

The site was owned/operated by Standard Oil of New Jersey and other companies and sold to the Reconstruction Finance Corporation/Defense Plant Corporation (U.S. Government) in 1942. It was purchased by a Wright predecessor in 1946. It was sold to Wood Ridge Industrial, LLC in 2001. Copies of Deeds are attached in Exhibit 13(a).

- b) If your company did not own the facility, from whom did your company rent the facility and for what years? Please provide copies of any rental agreements.

Not applicable.

- c) To the extent that you know, please provide the names of all parties who owned or operated the facility during the period from 1940 through the present. Describe the relationship, if any, of each of those parties with your company.

See response to Question Nos. 1 and 13(a). Our records indicate that those names on the attached Tenant List, Exhibit 13(c), were tenants at the site.

- 14) Answer the following questions regarding your business or company. In identifying a company that no longer exists, provide all the information requested, except for the agent for the service of process. If your company did business under more than one name, list each name.
- a) State the legal name of your company.

Curtiss-Wright Corporation

- b) State the name and address of the president or chairman of the board, or other presiding officers of your company.

**Martin Benante, President
Chairman of the Board and CEO
4 Becker Farm Road
Roseland, NJ 07068**

- c) State the number of people employed by your company.

Approximately 4200.

- e) Provide a copy of your company's "Certificate of Incorporation" and any amendments thereto.

See attached Exhibit 14(e).

- f) If your company is a subsidiary or affiliate of another company, or has subsidiaries, or is a successor to another company, identify these related companies. For each related company, describe the relationship to your company: indicate the date and manner in which each relationship was established.

See attached Exhibit 14(f).

- g) Identify any predecessor organization and the dates that such company became part of your company.

See response to Question No. 14(f) above.

- h) Identify other companies which were acquired by your company or merged with your company.

See response to Question No. 14(f) above.

- i) Identify the date of incorporation, state of incorporation, agents for service or process in the state of incorporation and New Jersey, and nature of business activity, for each company identified in the responses to item (14)(e), (f), and (g), above.

Date of Incorporation of Curtiss-Wright Corporation: July 5, 1929

State: Delaware

Agent for Service: CT Trust

See also responses to Question No. 14(f) above.

- j) Identify all previous owners or parent companies, address(es), and the date change in ownership occurred.

See response to Question Nos. 13(a) and 14(f) above.

- 15) Provide the name, address, telephone number, title and occupation of the person(s) answering this "Request for Information" and state whether such person(s) has personal knowledge of the responses. In addition, identify each person who assisted in any way responding to the "Request for Information" and specify the question to which each person assisted in responding. Please include the names and addresses of former employees who were contacted to respond to any of the questions.

<u>Name</u>	<u>Address</u>	<u>Title and Occupation</u>	<u>Knowledge</u>
Kent Garson	P.O. Box 10213 Fairfield, NJ 07004	Consultant	Yes
James Maher	4 Becker Farm Road Roseland, NJ 07068	Assistant General Counsel	No
Geri Q. Murtha	P.O. Box 10213 Fairfield, NJ 07004	Consultant	Yes

James Maher	4 Becker Farm Road Roseland, NJ 07068	Assistant General Counsel	No
Geri Q. Murtha	P.O. Box 10213 Fairfield, NJ 07004	Consultant	Yes
John P. Sandstedt	4 Becker Farm Road Roseland, NJ 07068	Environmental Manager	No

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of New Jersey :

County of Essex :

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the company's response thereto should become known or available to the company.

James V. Maher

NAME (print or type)

Assistant General Counsel

TITLE (print or type)

James V. Maher
SIGNATURE

Sworn to before me this 30th day of April 20 03

Mary Ann Dziurzynski
Notary Public Signature

MARY ANN DZIURZYNSKI
A Notary Public of New Jersey
My Commission Expires September 19, 2004

847360014

Hazardous Waste Compliance and Enforcement
Northern Regional Office
1259 Route 46 East, Bldg. #2
Parsippany, NJ 07054-4191
Telephone: (973) 299-7571 Fax: (973) 299-7576

CERTIFIED MAIL/RRR

NOTICE OF VIOLATION

EA ID #: PEA020001 - NJD002013522

Name of violator: CURTISS WRIGHT
Location: 1 PASSAIC ST, Wood-Ridge Boro, NEW JERSEY 07075
Identifying #: NJD002013522
Person interviewed and title: Geri Murtha, Environmental Management Consultant

You are hereby NOTIFIED that during a compliance evaluation of your facility on 05/16/2002, the following violation(s) of the Solid Waste Management Act, (N.J.S.A. 13:1E-1 et seq.) and the regulations (N.J.A.C. 7:26G-1 et seq. and/or N.J.A.C. 7:26A-1 et seq.) promulgated thereunder and/or the Spill Compensation and Control Act, (N.J.S.A. 58:10-23.11 et seq.) and the regulations (N.J.A.C. 7:1E-1 et seq.) promulgated thereunder were observed. These violation(s) have been recorded as part of the permanent enforcement history of CURTISS WRIGHT at the above location.

Subject: HLQG

Requirement: Pursuant to N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.11 A person who generates a solid waste, as defined in 40 CFR 261.2, must determine if that waste is a hazardous waste.[N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.11]

Description of Noncompliance: Failure of generator of solid waste to determine if waste is hazardous. Specifically, CW failed to determine if twelve shipments of waste, generated from a groundwater cleanup operation between November 1998 and March 2002, were hazardous.

Requirement: Pursuant to N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.12(c) A generator must not offer his hazardous waste to transporters or to treatment, storage, or disposal facilities that have not received an EPA identification number. It is considered a violation for a generator to utilize a transporter who is not properly licensed and registered with the Department in accordance with N.J.A.C. 7:26G-7.2 and/or who fails to display a current Department registration number in accordance with N.J.A.C. 7:26-7.2(b)6. [N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.12(c)]

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Description of Noncompliance: Failure of generator to offer hazardous waste to a hazardous waste transporter or TSD facility that has received an EPA ID number and/or is properly licensed and registered with the Department. Specifically, CW offered twelve shipments of hazardous waste from January 1999 to March 2002 to TSD facilities that did not receive an EPA ID number.

Requirement: Pursuant to N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.20(a) A generator who transports, or offers for transportation, hazardous waste for offsite treatment, storage, or disposal must prepare a Manifest OMB control number 2050-0039 on EPA form 8700-22, and, if necessary, EPA form 8700-22A, according to the instructions included in the appendix to part 262 for EPA form 8700-22A, and for EPA form 8700-22, according to the instructions in the appendix to N.J.A.C. 7:26G-6. If an out-of-state manifest is used, the generator shall complete items A-K of the manifest even if the instructions on the back of the out-of-state manifest do not address these shaded portions.[N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.20(a)]

Description of Noncompliance: Failure of generator to prepare a manifest before transporting or offering for transport hazardous waste off-site. Specifically, CW did not prepare a hazardous waste manifest before offering twelve shipments of hazardous waste for transportation from January 1999 to March 2002.

Requirement: Pursuant to N.J.A.C. 7:26G-11.1(a) and 40 CFR 268.7(a)(1) A generator of hazardous waste must determine if the waste has to be treated before it can be land disposed. This is done by determining if the hazardous waste meets the treatment standards in 268.40, 268.45, or 268.49. This determination can be made in either of two ways: testing the waste or using knowledge of the waste. If the generator tests the waste, testing would normally determine the total concentration of hazardous constituents, or the concentration of hazardous constituents in an extract of the waste obtained using test method 1311 in "Test Methods of Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846, as referenced in 260.11 of this chapter, depending on whether the treatment standard for the waste is expressed as a total concentration or concentration of hazardous constituent in the waste's extract. In addition, some hazardous wastes must be treated by particular treatment methods before they can be land disposed and some soils are contaminated by such hazardous wastes. These treatment standards are also found in 268.40, and are described in detail in 268.42, Table 1. These wastes, and soils contaminated with such wastes, do not need to be tested (however, if they are in a waste mixture, other wastes with concentration level treatment standards would have to be tested). If a generator determines they are managing a waste or soil contaminated with

a waste, that displays a hazardous characteristic of ignitability, corrosivity, reactivity, or toxicity, they must comply with the special requirements of 268.9 of this part in addition to any applicable requirements in this section.[N.J.A.C. 7:26G-11.1(a) and 40 CFR 268.7(a)(1)]

Description of Noncompliance: Failure of generator to determine if the hazardous waste is restricted from land disposal. Specifically, CW failed to determine if twelve shipments of hazardous waste between January 1999 and March 2002 were restricted from land disposal.

You must take the following corrective actions:

1. Comply with requirement: Within 30 days of receipt of this document by offering hazardous waste only to a transporter or TSD that has an EPA Identification Number and is properly licensed and registered with the Department.
2. Comply with requirement: Within 30 days of receipt of this document by preparing a manifest before transporting or offering for transport hazardous waste off-site.
3. Comply with requirement: Within 30 days of receipt of this document by determining if the waste is restricted from land disposal.
4. Perform sampling: Within 30 days of receipt of this document in order to determine if the generated solid waste is hazardous

Within ten (10) calendar days of receipt of this Notice of Violation, you shall submit in writing to the individual issuing this notice, an explanation of the corrective measures you have taken to achieve compliance.

Issuance of this Notice of Violation serves as notice to you that the Department has determined that a violation(s) has occurred and does not preclude the State of New Jersey or any of its agencies from initiating administrative or judicial enforcement action, or from assessing penalties or from modifying this Notice of Violation, with respect to this or other violations. Violations of the above regulations are subject to penalties of up to \$50,000.00 per day/offense.

Issued by:

Michael Mariano
Print Name

Date:

7/9/02

Signature:

Michael Mariano
Sign Name

Curtiss-Wright Corporation

PO Box 10213
Fairfield, NJ 07004

Phone: (973) 882-8421

Fax: (973) 575-9034

Mr. Michael Mariano
Northern Field Office
State of New Jersey
Dept. of Environmental Protection
Hazardous Waste Compliance and Enforcement
1259 46 E.
Building 2
Parsippany, NJ 07054

July 18, 2002

Re: NOTICE OF VIOLATION
EA ID# PEA020001-NJD002013522
Curtiss Wright
NJD002013522

Dear Mr. Mariano;

Curtiss-Wright received the Notice of Violation (NOV) on July 15, 2002; it was forwarded to Fairfield where our office is now located. In accordance with the NOV we are submitting in writing within 10 days of receipt of the NOV an explanation of the corrective measures we are taking to achieve compliance.

We have contacted licensed firms to provide us with costs for Transportation and disposal, with accompanying Hazardous Waste Manifest, to be shipped off the Facility by no later than August 14, 2002. We will forward to you copies of the Hazardous Waste Manifests. We have also requested quotations of removal of the product as a Hazardous Waste on a 90 day schedule. The waste based on the most recent analysis is a Hazardous Waste, and in that the waste is a liquid, it is Curtiss-Wright policy not to dispose of liquid wastes by land disposal, thus the waste will be destructed or recycled by a licensed TSD Facility. We are storing the waste in only one tank; the tank has been labeled Hazardous Waste. The Ground Water Treatment Plant was designed as a containment building. The floor drains in the building are piped into a holding tank in the basement and is recirculated into the treatment system at the oil water separator. The basement does not have any floor drains

847360019

We hope this letter sufficiently explains our corrective measures we are taking to achieve compliance. It is Curtiss-Wright Corporation's opinion that once the waste is shipped off site to a licensed Hazardous Waste TSD, we will be in complete compliance and will continue shipping as manifested Hazardous Waste every 90 days.

If you should have any questions please do not hesitate to contact us.

Very Truly Yours,

Geri Q. Murtha
Environmental Management Consultant

847360020



State of New Jersey

Department of Environmental Protection

James E. McGreevey
Governor

Bradley M. Campbell
Commissioner

Waste Compliance & Enforcement & Release Prevention
Bureau of Hazardous Waste Compliance & Enforcement - North
1259 Route 46 East, Building 2
Parsippany, New Jersey 07054-4191
Tel. #: (973) 299-7571
Fax #: (973) 299-7576

August 6, 2002

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Ms. Geri Q. Murtha
Curtiss Wright Corporation
PO Box 10213
Fairfield, New Jersey 07004

Re: Curtiss Wright Corporation
EPA ID # NJD002013522
Notice of Violation for RCRA Violations

Dear Ms. Murtha:

On May 16, 2002, the Department conducted a hazardous waste investigation at the above referenced facility. As a result of this investigation, several Notices of Violation were issued on July 9, 2002 indicating several hazardous waste disposal regulations had been violated.

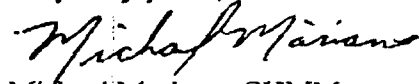
A subsequent review of the regulations indicates that the violation originally cited as:

40 CFR 262.12(c), Failure of generator to offer hazardous waste to a hazardous waste transporter or TSD facility that has received an EPA ID number; should have been cited as:

40 CFR 262.20(b), A generator must designate on the manifest one facility which is permitted to handle the waste described on the manifest.

All other citations in the original Notice of Violation remain the same. Should you have any questions, you may contact me at (973) 299-7571.

Very truly yours,



Michael Mariano, CHMM
Senior Environmental Engineer
Northern Bureau of Hazardous Waste
Compliance and Enforcement

C: J. Sterling, Acting Section Chief
File



State of New Jersey

Department of Environmental Protection

James E. McGreevey
Governor

Bradley M. Campbell
Commissioner

Division of Waste, Recycling, and Land Use Enforcement
Bureau of Hazardous Waste Compliance & Enforcement
P.O. Box 407
Trenton, NJ 08625-0407
Tel. (609) 584-4250
Fax. (609) 588-2444

OCT 30 2002

Geri Murtha
Curtiss Wright Corporation
P.O. Box 10213
Fairfield, New Jersey 07004

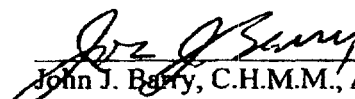
RE: CURTISS WRIGHT
Notice of Civil Administrative Penalty Assessment
EA ID #: PEA020003 - NJD002013522

Dear Ms. Murtha:

Enclosed for service upon you is a Notice of Civil Administrative Penalty Assessment issued by the Department.

If you have any questions concerning the enclosed Notice of Civil Administrative Penalty Assessment you may contact Jeffrey Sterling of my staff at (973) 299-7571, or by letter at the address above.

Sincerely,


John J. Barry, C.H.M.M., Acting Bureau Chief
Bureau of Hazardous Waste Compliance
and Enforcement

Enclosure
C: Mayor's Office
File

847360023



State of New Jersey

Department of Environmental Protection

James E. McGreevey
Governor

Bradley M. Campbell
Commissioner

Hazardous Waste Compliance and Enforcement
Northern Regional Office
1259 Route 46 East, Bldg. #2
Parsippany, NJ 07054-4191
Telephone: (973) 299-7571 Fax: (973) 299-7576

IN THE MATTER OF

CURTISS WRIGHT
1 PASSAIC ST
WOOD-RIDGE, NJ 07075

: NOTICE OF CIVIL ADMINISTRATIVE
: PENALTY ASSESSMENT
:
:
:
:
:

EA ID # PEA020003 - NJD002013522

This Notice of Civil Administrative Penalty Assessment (hereinafter "NOCAPA") is issued pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection (hereinafter "NJDEP" or the "Department") by N.J.S.A. 13:1D-1 et seq., and the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq. and duly delegated to the Director, Waste Recycling & Land Use Enforcement, pursuant to N.J.S.A.13:1B-4.

FINDINGS

1. CURTISS WRIGHT owns and/or operates a facility located at 1 PASSAIC ST, Lot 1.01, Block 320, WOOD-RIDGE BORO, BERGEN COUNTY, NEW JERSEY (ID# NJD002013522).
2. A. As the result of a compliance evaluation conducted on 05/16/2002, the Department has determined that CURTISS WRIGHT failed to comply with applicable requirements as follows:

Subject: HLQG

Requirement: Pursuant to N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.11; a person who generates a solid waste, as defined in 40 CFR 261.2, must determine if that waste is a hazardous waste. [N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.11]

Description of Noncompliance: Failure of generator of solid waste to determine if waste is hazardous. Specifically, CURTISS WRIGHT failed to determine if twelve

847360024

shipments of waste, generated from a groundwater cleanup operation between November 1998 and March 2002, were hazardous.

Requirement: Pursuant to N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.20(a); a generator who transports, or offers for transportation, hazardous waste for offsite treatment, storage, or disposal must prepare a Manifest OMB control number 2050-0039 on EPA form 8700-22, and, if necessary, EPA form 8700-22A, according to the instructions included in the appendix to part 262 for EPA form 8700-22A, and for EPA form 8700-22, according to the instructions in the appendix to N.J.A.C. 7:26G-6. If an out-of-state manifest is used, the generator shall complete items A-K of the manifest even if the instructions on the back of the out-of-state manifest do not address these shaded portions. [N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.20(a)]

Description of Noncompliance: Failure of generator to prepare a manifest before transporting or offering for transport hazardous waste off-site. Specifically, CURTISS WRIGHT did not prepare a hazardous waste manifest before offering twelve shipments of hazardous waste for transportation from January 1999 to March 2002.

Requirement: Pursuant to N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.20(b); a generator must designate on the manifest one facility which is permitted to handle the waste described on the manifest. [N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.20(b)]

Description of Noncompliance: Failure of generator to designate an authorized facility on the manifest. Specifically, CURTISS WRIGHT offered twelve shipments of hazardous waste from January 1999 to March 2002 to facilities that were not authorized to treat, store or dispose of hazardous waste.

Requirement: Pursuant to N.J.A.C. 7:26G-11.1(a) and 40 CFR 268.7(a)(1); a generator of hazardous waste must determine if the waste has to be treated before it can be land disposed. This is done by determining if the hazardous waste meets the treatment standards in 268.40, 268.45, or 268.49. This determination can be made in either of two ways: testing the waste or using knowledge of the waste. If the generator tests the waste, testing would normally determine the total concentration of hazardous constituents, or the concentration of hazardous constituents in an extract of the waste obtained using test method 1311 in "Test Methods of Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846, as referenced in 260.11 of this chapter, depending on whether the treatment standard for the waste is expressed as a total concentration or concentration of hazardous constituent in the waste's extract. In addition, some hazardous wastes must be treated by particular treatment methods before they can be land disposed and some soils are contaminated by such hazardous wastes. These treatment standards are also found in 268.40, and

are described in detail in 268.42, Table 1. These wastes, and soils contaminated with such wastes, do not need to be tested (however, if they are in a waste mixture, other wastes with concentration level treatment standards would have to be tested). If a generator determines they are managing a waste or soil contaminated with a waste, that displays a hazardous characteristic of ignitability, corrosivity, reactivity, or toxicity, they must comply with the special requirements of 268.9 of this part in addition to any applicable requirements in this section. [N.J.A.C. 7:26G-11.1(a) and 40 CFR 268.7(a)(1)]

Description of Noncompliance: Failure of generator to determine if the hazardous waste is restricted from land disposal. Specifically, CURTISS WRIGHT failed to determine if twelve shipments of hazardous waste between January 1999 and March 2002 were restricted from land disposal.

- B. On August 14, 2002, the Department reviewed submittal material from CURTISS WRIGHT that showed that they characterized the waste that was being stored on site during the May 16, 2002 inspection as D001/D008/D018/D043 hazardous waste. The waste was shipped off site on August 13, 2002 to Casie Protank (NJD045995693) on manifest NJA2274047. CURTISS WRIGHT also pledged in their July 18, 2002 compliance letter that they would continue, every 90 days, to ship their groundwater cleanup wastes offsite via hazardous waste manifests.
3. Based on the facts set forth in these FINDINGS, the Department has determined that CURTISS WRIGHT has violated the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., and the regulations promulgated pursuant thereto, specifically N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.20(a), 262.11, and 262.20(b); and N.J.A.C. 7:26G-11.1(a) and 40 CFR 268.7(a)(1).

NOTICE OF CIVIL ADMINISTRATIVE PENALTY ASSESSMENT
AND
NOTICE OF RIGHT TO A HEARING

4. This notice shall be effective upon receipt by CURTISS WRIGHT or someone on the violator's behalf authorized to accept service.
5. Pursuant to N.J.S.A. 13:1E-9e and N.J.A.C. 7:26G-2.4, 2.5 and 2.9, and based upon the above FINDINGS, the Department has determined that a civil administrative penalty is hereby assessed against CURTISS WRIGHT in the amount of **\$109,991** (one hundred and nine thousand nine hundred ninety one dollars). The Department's rationale for the civil administrative penalty is set forth in the attachment, and incorporated herein.
6. Pursuant to N.J.A.C. 7:26G-2.9, the Department may, in addition to any other civil administrative penalty assessed, include as a civil administrative penalty the economic benefit

(in dollars) which a violator has realized as a result of not complying with, or by delaying compliance with, the requirements of the Act.

7. Pursuant to N.J.S.A. 52:14B-1 et seq. and N.J.S.A. 13: 1E-9, CURTISS WRIGHT is entitled to request a hearing. CURTISS WRIGHT shall, in its request for a hearing, complete and submit the enclosed ADMINISTRATIVE HEARING REQUEST AND CHECKLIST TRACKING FORM along with all required information.
8. If no request for a hearing is received within twenty (20) calendar days from receipt of this NOCAPA, it shall become a final notice upon the twenty-first (21st) calendar day following its receipt, and the penalty shall be due and payable.
9. If a timely request for a hearing is received, payment of the penalty is due when CURTISS WRIGHT receives a notice of the denial of the request, or, if the hearing request is granted, when CURTISS WRIGHT withdraws the request or abandons the hearing, or, if the hearing is conducted, when CURTISS WRIGHT receives a final decision from the Commissioner in this matter.
10. Payment shall be made by check payable to Treasurer, State of New Jersey and shall be submitted along with the enclosed Enforcement Invoice to:

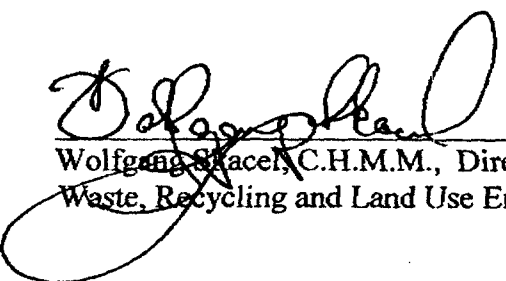
Department of Treasury
Division of Revenue
P.O. Box 417
Trenton, NJ 08646-0417

GENERAL PROVISIONS

11. This NOCAPA is binding on CURTISS WRIGHT their principals, directors, officers, agents, successors, assigns, employees, tenants, any trustee in bankruptcy or other trustee, and any receiver appointed pursuant to a proceeding in law or equity.
12. No obligations imposed by this NOCAPA are intended to constitute a debt which should be limited or discharged in a bankruptcy proceeding. All obligations are imposed pursuant to the police powers of the State of New Jersey, intended to protect the public health, safety, welfare and the environment.
13. This NOCAPA is issued only for the violation(s) identified in the FINDINGS hereinabove and that violations of any statutes, rules or permits other than those herein cited may be cause for additional enforcement actions, either administrative or judicial, being instituted. By issuing this NOCAPA, NJDEP does not waive its rights to initiate additional enforcement actions.

14. Neither the issuance of this NOCAPA nor anything contained herein shall relieve CURTISS WRIGHT of the obligation to comply with all applicable laws, including but not limited to the statutes and regulations cited herein.
15. Pursuant to N.J.S.A. 13:1E-9e, NJDEP is authorized to assess a civil administrative penalty of not more than \$50,000 for each violation, and each day during which the violation continues shall constitute an additional, separate and distinct offense.
16. Pursuant to N.J.S.A. 13:1E-9f, any person who violates the provisions of N.J.S.A. 13:1E-1 et seq. or any code, rule, or regulation promulgated pursuant thereto shall be liable to a penalty of not more than \$50,000 per day to be collected in a civil action, and any person who violates an administrative order issued pursuant to N.J.S.A. 13:1E-9c, or a court order issued pursuant to N.J.S.A. 13:1E-9d, or who fails to pay a civil administrative penalty assessed pursuant to N.J.S.A. 13:1E-9e in full after it is due is subject upon order of a court to a civil penalty not to exceed \$100,000 per day of such violations. Each day during which the violation continues constitutes an additional, separate and distinct offense.

DATE: Oct. 28, 2002


Wolfgang Stacel, C.H.M.M., Director
Waste, Recycling and Land Use Enforcement

**Administrative Hearing Request Checklist
and Tracking Form**

I. Document Being Appealed: EA ID # PEA020003 - NJD002013522

Date Document Issued

II. Person Requesting Hearing:

Name/Company

Name of Attorney (if applicable)

Address

Address

Telephone #

Telephone #

III. Please Include the Following Information As Part of Your Request:

- A. The date the alleged violator received the Enforcement Document.
- B. A copy of the Enforcement Document and a list of all issues being appealed.
- C. An admission or denial of each of the findings of fact, or a statement of insufficient knowledge;
- D. The defenses to each of the findings of fact in the enforcement document;
- E. Information supporting the request;
- F. An estimate of the time required for the hearing;
- G. A request, if necessary, for a barrier-free hearing location for physically disabled persons;
- H. A clear indication of any willingness to negotiate a settlement with the Department prior to the Department's processing of your hearing request to the Office of Administrative Law; and
- I. This form, completed, signed and dated with all of the information listed above, including attachment, to:

- 1. New Jersey Department of Environmental Protection
Office of Legal Affairs
Attention: Adjudicatory Hearing Requests
401 E. State Street, P.O. Box 402
Trenton, New Jersey 08625
- 2. Jeffrey Sterling, Section Chief
Northern Regional Office
Hazardous Waste Compliance & Enforcement
1259 Route 46 East, Bldg. #2
Parsippany, NJ 07054-4191
- 3. All co-permittees (w/attachments)

IV. Signature: _____ Date: _____

847360029

ATTACHMENT A

PENALTY ASSESSMENT WORKSHEET

Violator Name: Curtiss Wright Corporation (CW)
 Location: 1 Passaic Street, Wood-Ridge, New Jersey 07075
 Case #: NJD002013522 Inspector: Mariano
 Date of Violation: January 1999 - March 2002 Page 1 of 3

Rule violated - N.J.A.C. 7:26G-6.1(a) and 40 CFR 262.11

SERIOUSNESS

		Major	Moderate	Minor
	Major	\$40,000- \$50,000	\$30,000- \$40,000	\$15,000- \$25,000
CONDUCT	Moderate	\$30,000- \$40,000	\$10,000- \$20,000	\$3,000- \$6,000
	Minor	\$15,000- \$25,000	\$3,000 \$6,000	\$1,000 \$2,500

Seriousness-Major

The failure of CW to determine if twelve shipments of waste between January 1999 and March 2002 were hazardous had the potential to cause substantial harm to human health or the environment. This failure also had a severe impairment on the intent of the rule, namely, to ensure that wastes are properly managed, including being sent to the appropriate treatment/disposal facilities.

Conduct - Major

The failure to determine if twelve shipments of waste between January 1999 and March 2002 were hazardous was a knowing and deliberate act by CW. CW previously disposed of ten shipments of the same material as F002/D001/D018 hazardous waste from May 1998 to November 1998.

Total Civil Administrative Penalty: \$45,000

Justification for using the Matrix:

The above penalty was assessed under N.J.A.C. 7:26G-2.5 in lieu of N.J.A.C. 7:26G-2.4 because the base penalty under the latter provision would not provide a sufficient deterrence nor commensurate sanctions in view of the generator's conduct.

Prepared by: Michael Mariano

847360030

ATTACHMENT A

PENALTY ASSESSMENT WORKSHEET

Violator Name: Curtiss Wright Corporation (CW)
Location: 1 Passaic Street, Wood-Ridge, New Jersey 07075
Case #: NJD002013522 Inspector: Mariano
Date of Violation: January 1999 - March 2002 Page 2 of 3

Rule violated as listed in N.J.A.C. 7:26G-2.4(g)3 through 9.	<u>40 CFR 262.20(a)</u>
Base penalty for rule violated as listed in N.J.A.C. 7:26G-2.4(g)3 through 9.	<u>\$5,000.00</u>
Number of days/violations:	<u>12</u>
Total Base Penalty:	<u>\$60,000.00</u>
If subparagraph (f)3i applies: Total Base Penalty x 1.00	<u>N/A</u>
If subparagraph (f)3ii applies: Total Base Penalty x 0.50	<u>N/A</u>
If subparagraph (f)3iii applies: Total Base Penalty x 0.50	<u>N/A</u>
If subparagraph (f)3iv applies: Total Base Penalty x 0.25	<u>N/A</u>
Total Civil Administrative Penalty:	<u>\$60,000.00</u>

Justification for Severity Factor Adjustments:

Twelve (12) unmanifested shipments were made between January 1999 and March 2002

Prepared by: Michael Mariano

847360031

ATTACHMENT A

PENALTY ASSESSMENT WORKSHEET

Violator Name:	Curtiss Wright Corporation (CW)		
Location:	1 Passaic Street, Wood-Ridge, New Jersey 07075		
Case #:	NJD002013522	Inspector:	Mariano
Date of Violation:	January 1999 - March 2002	Page	3 of 3

Pursuant to N.J.A.C. 7:26G-2.9, economic benefit has been assessed in the amount of \$4,991.00. The Department has invoices to show that CW paid \$.80/gallon for hazardous waste disposal and \$.65/gallon for non-hazardous waste disposal. CW shipped 33,275 gallons of hazardous waste as non-hazardous between January 1999 and March 2002, resulting in a savings of at least \$4991 in disposal costs.

Total Civil Administrative Penalty assessed for Economic Benefit: \$4991.00

847360032



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Hazardous Waste COMPLIANCE AND ENFORCEMENT

Invoice No.

021643280

Page 1 of 1

Program Interest	Type of Notice	Amount Due	
CURTISS WRIGHT	Original (Non-Initial)	\$109,991.00	
1 PASSAIC ST	NJEMS Bill ID - Instal. No.	Bill Date	Due Date
Wood-Ridge NJ 07075	67435 -000	10/30/02	12/4/02
ID# NJD002013522			

Assessments			
Activity	Assessment Type	Start Date - End Date	Amount
PEA020003 NOCAPA	PENALTY	10/30/02 - 10/30/02	\$109,991.00

Summary	
Total Amount Assessed	\$109,991.00
Amount Received Before Creating Installment Plan	\$0.00
Amount Transferred to Installment Plan	\$0.00
This Installment Amount	\$109,991.00
Total Amount Credited	\$0.00
Total Amount Debited (Other than Amounts Assessed)	\$0.00
TOTAL AMOUNT DUE	\$109,991.00

Instructions

- * Make checks payable to: TREASURER - STATE OF NEW JERSEY
- * Write the PROGRAM INTEREST ID# and INVOICE NUMBER on your check
- * Return the BOTTOM PORTION of this INVOICE with your PAYMENT to the address on the stub

Invoice Number: 021643280

separate along this line



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION Hazardous Waste COMPLIANCE AND ENFORCEMENT

Invoice No.

021643280

Program Interest ID#	Type of Notice	Bill Date	Due Date	Amount Due
NJD002013522	Original (Non-Initial)	10/30/02	12/4/02	\$109,991.00

For name and/or address change, check box and write corections on the back of this invoice ☐

Enter the amount of your payment --->

\$

RETURN THIS PORTION with your check

made payable to:
TREASURER - STATE OF NEW JERSEY
and mail to:

NJ DEPARTMENT OF TREASURY
DIVISION OF REVENUE
PO BOX 417
TRENTON, NJ

08646-0417

W5 CURTISS WRIGHT
1 PASSAIC ST
Wood-Ridge

NJ 07075

847360033

LOWENSTEIN SANDLER PC

Attorneys at Law

NORMAN W. SPINDEL
Senior Counsel

Tel 973.597.2514 Fax 973.597.2515
nspindel@lowenstein.com

November 15, 2002

CERTIFIED MAIL, RETURN RECEIPT REQUESTED

Office of Legal Affairs
New Jersey Department of Environmental Protection
401 East State Street, P.O. Box 402
Trenton, NJ 08625-0402
ATTN: Adjudicatory Hearing Requests

Re: Curtiss-Wright Corporation
120 Wall Street West, Lyndhurst, New Jersey 07071
EA ID# PEA020003 - NJD002013522

Dear Sir or Madam:

This office represents Curtiss-Wright Corporation ("Curtiss-Wright") with regard to the above-referenced matter. On October 30, 2002, the Department issued a Notice of Civil Administrative Penalty Assessment (the "Notice") alleging violation of the Solid Waste Management Act, N.J.S.A. 13:1E-1, *et seq.* and its implementing regulations.

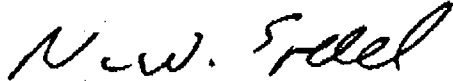
Curtiss-Wright hereby submits the enclosed Request for an Administrative Hearing with regard to the Notice, but believes that this matter is amenable to negotiation and settlement prior to any hearing. Accordingly, we request that the Department not refer this matter to the Office of Administrative Law at this time in order to provide an opportunity to explore settlement as provided for in N.J.A.C. 1:1-4.2. Specifically, we request that the parties attempt to resolve this matter through the Department's Office of Dispute Resolution.

We further request, pursuant to N.J.S.A. 47:1A-1, *et seq.*, a copy of all documents in the Department's possession relating to the alleged violations for which the Notice was issued, including, but not limited to, all documentation in connection with the compliance evaluation conducted by the Department on May 16, 2002 and any other communications or documents generated by Department personnel involved in this matter relating to the alleged violations.

November 15, 2002

We appreciate the cooperation of your office in this matter. Should you have any questions, please do not hesitate to contact me.

Very truly yours,



Norman W. Spindel

C7536/16
11/14/2002 1298691.01

Enclosures

cc: Jeffrey Sterling, Section Chief
Paul Ferdenzi, Esq. (w/encls.)
Geri Martha (w/encls.)
Ed Weyand (w/encls.)



847360035

Administrative Hearing Request Checklist
and Tracking Form

I. Document Being Appealed: EA ID # PEA020003 - NJD002013522

October 30, 2002

Date Document Issued

II. Person Requesting Hearing:

Curtiss-Wright Corporation

Norman W. Spindel

Name/Company

1200 Wall Street West

Name of Attorney (if applicable)

Lowenstein Sandler PC

Lyndhurst, NJ 07071

65 Livingston Ave., Roseland, NJ 07068

Address

201.896.8400

Address

973.597.2500

Telephone #

Telephone #

III. Please Include the Following Information As Part of Your Request:

- A. The date the alleged violator received the Enforcement Document.
- B. A copy of the Enforcement Document and a list of all issues being appealed.
- C. An admission or denial of each of the findings of fact, or a statement of insufficient knowledge;
- D. The defenses to each of the findings of fact in the enforcement document;
- E. Information supporting the request;
- F. An estimate of the time required for the hearing;
- G. A request, if necessary, for a barrier-free hearing location for physically disabled persons;
- H. A clear indication of any willingness to negotiate a settlement with the Department prior to the Department's processing of your hearing request to the Office of Administrative Law; and
- I. This form, completed, signed and dated with all of the information listed above, including attachment, to:

1. New Jersey Department of Environmental Protection
Office of Legal Affairs
Attention: Administrative Hearing Requests
401 E. State Street, P.O. Box 402
Trenton, New Jersey 08646

2. Jeffrey Sterling, Section Chief
Northern Regional Office
Hazardous Waste Compliance & Enforcement
1239 Route 46 East, Bldg. 62
Parsippany, NJ 07054-4191

3. All co-permittees (if applicable)

IV. Signature:

N. W. Spindel

Date:

November 15, 2002

LOWENSTEIN SANDLER PC

Attorneys At Law

65 Livingston Avenue

Roseland, New Jersey 07068

973.597.2500

Attorneys for Curtiss-Wright Corporation

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE COMPLIANCE
and ENFORCEMENT
NORTHERN REGIONAL OFFICE
EA ID# PEA020003 - NJD002013522

IN THE MATTER OF:

**CURTISS-WRIGHT CORPORATION
1200 WALL STREET WEST
LYNDHURST, NEW JERSEY 07071**

REQUEST FOR AN ADMINISTRATIVE HEARING

TO: New Jersey Department of Environmental Protection
Office of Legal Affairs
Attention: Adjudicatory Hearing Requests
401 East State Street
CN 402, P. O. Box 402
Trenton, New Jersey 08625-0402

SIR:

On October 30, 2002, the Department issued a Notice of Civil Administrative Penalty Assessment dated October 28, 2002 (the "Notice"), attached hereto as Exhibit A, to Curtiss-Wright Corporation (hereafter the "Company" or "Respondent") alleging violations of the Solid Waste Management Act, *N.J.S.A. 13:1E-1, et seq.*, and its implementing regulations at *N.J.A.C. 7:26G-1.1, et seq.* The Notice was received by the Company on November 4, 2002. The Company objects to the Notice and requests an administrative hearing on the Notice as set forth below:

1. The Respondent is Curtiss-Wright Corporation, 1200 Wall Street West, Lyndhurst, NJ 07071. Tel: 201.896.8400. EPA ID number NJD002013522.

2. Respondent's authorized agent in this proceeding is: Lowenstein Sandler PC, Norman W. Spindel, Esq., Of Counsel, 65 Livingston Avenue, Roseland, NJ 07068. Tel: 973.597.2500.

3. As to the First Finding of the Notice, the Company admits that it formerly owned and operated a facility located at 1 Passaic Street, Lot 1.01, Block 320, Wood-Ridge Borough, Bergen County, New Jersey (the "Site").

4. As to the Second and Third Findings, the Company admits that there was remediation of the Site, which resulted in shipments of solid waste during the period November 1998 through March 2002. The remainder of the Second and Third Findings recite regulatory provisions and guidance, which speak for themselves, and further state the Department's legal conclusions for which no response is necessary. To the extent that the Findings allege any violation or other wrongdoing by Respondent, the Company denies these Findings.

5. The Company intends to raise the following defenses to the Notice:

a. The Company's actions with regard to the characterization of the solid waste generated by the groundwater remediation at the Site were proper.

b. The Company's shipment of such solid waste was accompanied by appropriate documentation.

c. Prior to the issuance of the Order, Department personnel provided advice and instruction to Respondent and its representatives in regard to Respondent's solid waste handling activities upon which Respondent has relied.

d. Respondent retained expert and qualified contractors in the area of solid waste handling upon whom the Respondent has relied.

6. In response to the Notice, Respondent further states:

a. The assessed penalty is improper, arbitrary and excessive.

b. The Company contends that the Notice is in question and objects thereto, as it has been denied due process of law. The Notice presumes findings adverse to the Company on all factual and legal issues relating to the Notice. Until and unless Respondent is granted its legal right to a hearing on these issues pursuant to N.J.S.A. 13:1E-9, N.J.A.C. 7:26G, Subchapter 2, N.J.S.A. 52:14B-9 and N.J.A.C. 1:1-1.1, *et seq.*, such issues remain undecided and cannot be used as a basis for an enforcement action. Therefore the Notice is invalid.

7. The Company only has begun to identify written documents supportive of its position in this matter. Such documents will be provided as required by any scheduling order entered by the Administrative Law Judge to be assigned to the proceeding.

8. The Company reserves the right to supplement this pleading regarding any issues raised or to be raised during the course of this proceeding.

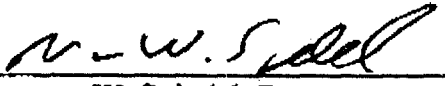
9. The Company objects to the Notice, denies the allegations made therein (except as otherwise stated herein), and requests an administrative hearing pursuant to N.J.S.A. 13:1E-9.e. and N.J.A.C. 7:26G-2.3. The Notice constitutes a contested case as defined in N.J.S.A. 52:14B-2(b) and N.J.A.C. 1:1-2.1.

10. The Company requests that the matter be referred to the Office of Administrative Law for an administrative hearing as a contested case in accordance with the Administrative Procedure Act, N.J.S.A. 52:14B-1, *et seq.*, and the regulations promulgated thereto, N.J.A.C. 1:1-1.1, *et seq.*

11. The Company does not, by virtue of filing this Request for an Administrative Hearing, concede any fact or waive any rights or remedies in equity or law to which it may be entitled. This reservation of rights specifically extends to, but is not limited to, all rights and remedies that the Company has or may have on the merits of all factual and legal issues relating to the Department's allegations as well as judicial review of the Department's actions or decisions relating thereto by way of action in lieu of prerogative writs, appeal pursuant to R. 2:2-2 or any other available remedy at law or in equity.

12. The Company estimates that five days will be required for a hearing.

LOWENSTEIN SANDLER PC
Attorneys At Law
65 Livingston Avenue
Roseland, New Jersey 07068
973.597.2500
Attorneys for Curtiss-Wright Corporation

By: 
Norman W. Spindel, Esq.

DATED: November 15, 2002



James E. McGreevey
Governor

State of New Jersey
Department of Environmental Protection
Office of Dispute Resolution
P.O. Box 402
Trenton, NJ 08625
TEL: (609) 341-3822
FAX: (609) 984-9484

Bradley M. Campbell
Commissioner

December 19, 2002

Norman W. Spindel, Esquire
Lowenstein Sandler
65 Livingston Avenue
Roseland, New Jersey 07068-1791

RE: Curtiss-Wright Corporation
120 Wall Street West
Lyndhurst, NJ 07071
EA ID #PEA 020003-NJDO
002013522


Dear Mr. Spindel:

Please accept this response to your recent request to initiate Alternative Dispute Resolution (ADR) in the above-referenced matter.

I have conferred with the Hazardous Waste Compliance and Enforcement Program and they do not think that this matter is appropriate for mediation. It is the Program's preference that you contact either John Barry at (609) 584-4211 or Jeffrey Sterling at (973) 299-7571 to arrange a meeting to discuss this matter.

Thank you for referring this matter to me. I hope I can be of assistance in the future.

Very truly yours,


Eugene A. Mroczko
Director
Alternate Dispute Resolution

c: Wolf Skocet, S&HWC&E
John Barry, S&HWC&E
Jeffrey Sterling, S&HWC&E
Sharon Leinbach, OLA

New Jersey is an Equal Opportunity Employer
Minority Business

TOTAL PAGES

847360041

Prepared by: (Print Signer's name below signature)

DEED

This Deed is made on December 18, 2001

BETWEEN**CURTISS-WRIGHT FLIGHT SYSTEMS, INC.,**

whose address is One Passaic Street, Wood-Ridge, New Jersey 07075,
referred to as the Grantor.

AND**WOOD-RIDGE INDUSTRIAL PROPERTY OWNER, LLC,**

whose address is 45 Broadway, New York, New York 10006,
referred to as the Grantee.

The words "Grantor" and "Grantee" shall mean all Grantors and all Grantees listed above.

Transfer of Ownership. The Grantor grants and conveys (transfers ownership of) the property described below to the Grantee. This transfer is made for the sum of less than \$49,000,000.00. The Grantor acknowledges receipt of this money.

Tax Map Reference. (N.J.S.A. 46:15-2.1) Municipality of the Borough of Wood-Ridge, Block No. 320, Lot No. 1.01.

_____ No property tax identification number is available on the date of this deed. (Check if applicable.)

Property. The property consists of the land and all the buildings and structures on the land in the County of Bergen and State of New Jersey. The legal description is:

BEGINNING at the point of intersection of the Southwesterly line of Passaic Street (50.00 feet wide) with the Southeasterly line of River Road (right-of-way varies) and running from said **BEGINNING** point.

- (1) South 53 degrees 10 minutes 37 seconds East, along the aforesaid Southwesterly line of Passaic Street, a distance of 765.90 feet to an angle point in said line; thence
- (2) South 53 degrees 11 minutes 57 seconds East, continuing along said Southwesterly line of Passaic Street, a distance of 972.39 feet to the Division Line between New Lot 1.01 and New Lot 1.04, Block 320; thence along said Division Line the following eight (8) courses;
- (3) South 38 degrees 10 minutes 23 seconds West, a distance of 350.00 feet to a point; thence
- (4) South 51 degrees 50 minutes 42 seconds East, a distance of 148.32 feet to a point; thence
- (5) South 36 degrees 57 minutes 40 seconds West, a distance of 243.30 feet to a point; thence
- (6) South 53 degrees 02 minutes 20 seconds East, a distance of 38.72 feet to a point; thence

- (7) South 36 degrees 35 minutes 49 seconds West, a distance of 1,713.51 feet to a point; thence
- (8) South 37 degrees 37 minutes 43 seconds West, a distance of 202.54 feet to a point; thence
- (9) South 52 degrees 55 minutes 24 seconds East, a distance of 251.93 feet to a point; thence
- (10) South 37 degrees 04 minutes 36 seconds West, a distance of 548.72 feet to a point in the Northerly line of Lot 11, Block 286; thence
- (11) North 56 degrees 03 minutes 17 seconds West, along the Northerly line of Lot 11 Block 286 in part, along the Northerly line of Lots 10 through 7, Block 286, and along the Northerly line of Lot 6, Block 286 in part, a distance of 307.84 feet to the Southeasterly line of Lot 1.03, Block 320; thence
- (12) North 37 degrees 37 minutes 43 seconds East, along said Southeasterly line of Lot 1.03, a distance of 768.58 feet to an angle point in said line; thence
- (13) North 07 degrees 26 minutes 17 seconds West, continuing along said Southeasterly line, a distance of 28.25 feet to the Northeasterly line of Lot 1.03, Block 320; thence
- (14) North 52 degrees 31 minutes 17 seconds West, along said Northeasterly line of Lot 1.03, a distance of 421.31 feet to the Northwesterly line of said Lot 1.03; thence
- (15) South 37 degrees 53 minutes 43 seconds West, along said Northwesterly line of Lot 1.03, a distance of 173.64 feet to an angle point therein; thence
- (16) North 50 degrees 42 minutes 17 seconds West, continuing along said Northwesterly line of Lot 1.03, a distance of 43.92 feet to an angle point therein; thence
- (17) South 36 degrees 22 minutes 43 seconds West, continuing along said Northwesterly line of Lot 1.03, a distance of 479.59 feet to the Easterly line (50.00 feet from center-line) of Conrail-Erie Lackawana Railway Company, also known as Lot 1, Block 335; thence
- (18) Northwardly along said Easterly line of Conrail-Erie Lackawana Railway Company, along a curve to the left, having a radius of 2,437.00 feet, a central angle of 28 degrees 06 minutes 16 seconds, a chord bearing of North 02 degrees 11 minutes 37 seconds West and distance of 1,183.43 feet, an arc distance of 1,195.38 feet to a point; thence
- (19) North 73 degrees 45 minutes 15 seconds East, continuing along said Easterly line, a distance of 18.00 feet to a point; thence
- (20) Northwardly continuing along said Easterly line, along a curve to the left, having a radius of 2,455.00 feet, a central angle of 16 degrees 55 minutes 59 seconds, a chord bearing of North 24 degrees 42 minutes 44 seconds West and distance of 722.90 feet, an arc distance of 725.54 feet to a point; thence
- (21) North 56 degrees 49 minutes 16 seconds East, continuing along said Easterly line, a distance of 7.00 feet to a point; thence
- (22) Northwardly continuing along said Easterly line, along a curve to the left, having a radius of 2,462.00 feet, a central angle of 01 degrees 43 minutes 07 seconds, a chord bearing of North 34 degrees 02 minutes 17 seconds West and distance of 73.84 feet, an arc distance of 73.84 feet to the aforesaid Southeasterly line of River Road (right-of-way varies) thence along said Southeasterly line of River Road the following eight (8) courses:

- (23) North 46 degrees 41 minutes 43 seconds East, a distance of 600.19 feet to a point; thence
- (24) North 43 degrees 01 minutes 43 seconds East, a distance of 113.78 feet to a point; thence
- (25) North 49 degrees 02 minutes 14 seconds East, a distance of 93.34 feet to a point; thence
- (26) North 42 degrees 53 minutes 19 seconds East, a distance of 17.53 feet to a point; thence
- (27) Northeastwardly, along a curve to the left, having a radius of 610.00 feet, a central angle of 12 degrees 39 minutes 17 seconds, a chord bearing of North 36 degrees 33 minutes 42 seconds East and distance of 134.45 feet, an arc distance of 134.73 feet to a point; thence
- (28) North 30 degrees 13 minutes 59 seconds East, a distance of 67.12 feet to a point; thence
- (29) North 25 degrees 18 minutes 07 seconds East, a distance of 116.33 feet to a point; thence
- (30) North 30 degrees 17 minutes 43 seconds East, a distance of 501.24 feet to the point or place of **BEGINNING**.

Containing 4,215,598.1 S.F. = 96.777 Acres

The above descriptions are drawn in accordance with a Minor Subdivision Map entitled "Proposed Minor Subdivision of Property, Block 320, Lot 1.01, Borough of Wood-Ridge, Bergen County, NJ," prepared by Birdsall Engineering, Inc., 1700 Main Street, Belmar, New Jersey 07719, dated November 27, 2001.

The aforesaid being subject to easements for road purposes granted to the County of Bergen by Deed of Easement from the Grantor herein to the County of Bergen, to be recorded simultaneously herewith, said easement being described as follows:

BEGINNING at the point of intersection of the Southwesterly line (25.00 feet from centerline) of Passaic Street, with the Southeasterly line (25.00 feet from centerline) of River Road and running from said **BEGINNING** point

- (1) South 53 degrees 10 minutes 37 seconds East, along the aforesaid Southwesterly line of Passaic Street, a distance of 765.90 feet to an angle point therein; thence
- (2) South 53 degrees 11 minutes 57 seconds East, continuing along said Southwesterly line of Passaic Street, a distance of 1,142.53 feet to an angle point therein; thence
- (3) South 52 degrees 16 minutes 47 seconds East, continuing along said Southwesterly line of Passaic Street, a distance of 29.91 feet to the Northwesterly line of Lot 2, Block 320; thence
- (4) South 38 degrees 10 minutes 23 seconds West, along said Northwesterly line of Lot 2, a distance of 8.00 feet to a point; thence along a line being parallel with and 33.00 feet Southwestwardly from, measured at right angles thereto, the aforesaid centerline of Passaic Street, the following three (3) courses
- (5) North 52 degrees 16 minutes 47 seconds West, a distance of 29.78 feet to a point; thence
- (6) North 53 degrees 11 minutes 57 seconds West, a distance of 1,142.47 feet to a point; thence

- (7) North 53 degrees 10 minutes 37 seconds West, a distance of 515.90 feet to a point; thence
- (8) South 36 degrees 49 minutes 23 seconds West, a distance of 11.00 feet to a point; thence
- (9) North 53 degrees 10 minutes 37 seconds West, along a line being parallel with and 44.00 feet Southwestwardly from, measured at right angles thereto, the aforesaid centerline of Passaic Street, a distance of 189.47 feet to a point of curvature; thence
- (10) Along a curve to the left, having a radius of 35.00 feet, a central angle of 96 degrees 31 minutes 40 seconds, a chord bearing of South 78 degrees 33 minutes 33 seconds West and distance of 52.24 feet, an arc distance of 58.97 feet to a point of tangency; thence
- (11) South 30 degrees 17 minutes 43 seconds West, along a line being parallel with and 44.00 feet Southeastwardly from, measured at right angles thereto, the centerline of River Road, a distance of 189.47 feet to a point; thence
- (12) North 59 degrees 42 minutes 17 seconds West, a distance of 11.00 feet to a point; thence
- (13) South 30 degrees 17 minutes 43 seconds West, along a line being parallel with and 33.00 feet Southeastwardly from, measured at right angles thereto, the aforesaid centerline of River Road, a distance of 342.81 feet to the Southeasterly line of River Road; thence
- (14) North 25 degrees 18 minutes 07 seconds East, along said Southeasterly line of River Road, a distance of 91.91 feet to an angle point therein; thence
- (15) North 30 degrees 17 minutes 43 seconds East, continuing along said Southeasterly line of River Road, a distance of 501.24 feet to the point or place of **BEGINNING**.

Containing 25,318.8 S.F. = 0.58 Acres

This description is in accordance with a map entitled, "Proposed Minor Subdivision of Property, Borough of Wood-Ridge, Block 320, Lot 1.01, Bergen County, New Jersey", prepared by Birdsall Engineering, Inc., and dated November 27, 2001, revised through December 13, 2001.

BEGINNING at the point of intersection of the Southeasterly line (25.00 feet from centerline) of River Road, with the Northeasterly line of Conrail Erie Lackawana Railway Company (Lot 1, Block 335) and running from said **BEGINNING** point

- (1) North 46 degrees 41 minutes 43 seconds East, along the aforesaid Southeasterly line of River Road, a distance of 600.19 feet to an angle point therein; thence
- (2) North 43 degrees 01 minutes 43 seconds East, continuing along said Southeasterly line of River Road, a distance of 113.78 feet to an angle point therein; thence
- (3) North 49 degrees 02 minutes 14 seconds East, continuing along said Southeasterly line of River Road, a distance of 76.06 feet to a point; thence
- (4) South 43 degrees 01 minutes 43 seconds West, along a line being parallel with, and 33.00 feet Southeastwardly from, measured at right angles thereto, the aforesaid centerline of River Road, a distance of 190.27 feet to a point; thence
- (5) South 46 degrees 41 minutes 43 seconds West, along a line being parallel with, and 33.00 feet Southeastwardly from, measured at right angles thereto, the

aforesaid centerline of River Road, a distance of 601.05 feet to the aforesaid Northeasterly line of Conrail Erie Lackawana Railway Company; thence

- (6) Northwestwardly, along said Northeasterly line, along a curve to the left, having a radius of 2,462.00 feet, a chord bearing of North 34 degrees 48 minutes 11 seconds West and distance of 8.09 feet, an arc distance of 8.09 feet to the point or place of BEGINNING.

Containing 6,015.4 S.F. = 0.14 Acres

This description is in accordance with a map entitled, "Proposed Minor Subdivision of Property, Borough of Wood-Ridge, Block 320, Lot 1.01, Bergen County, New Jersey", prepared by Birdsall Engineering, Inc., and dated November 27, 2001, revised through December 13, 2001.

The property conveyed herein shall be restricted to non-residential uses in accordance with the terms and conditions of ISRA Case Number E84-205. Grantor shall have no obligation to remediate the property conveyed herein further than to meet NJDEP non-residential standards as set forth in Grantor's approved Remedial Action Work Plans with the NJDEP pursuant to ISRA Case Number E84-205.

The property conveyed herein is subject to such easements, restrictions and rights of third parties appearing of record, together with those set forth on a Minor Subdivision Map entitled "Proposed Minor Subdivision of Property, Block 320, Lot 1.01, Borough of Wood-Ridge, Bergen County, NJ," prepared by Birdsall Engineering, Inc., 1700 Main Street, Belmar, New Jersey 07719, dated November 27, 2001.

Promises by Grantor. The Grantor promises that the Grantor has done no act to encumber the property. This promise is called a "covenant as to grantor's acts" (N.J.S.A. 46:4-6). This promise means that the Grantor has not allowed anyone else to obtain any legal rights which affect the property (such as by making a mortgage or allowing a judgment to be entered against the Grantor).

Witnessed by:

CURTISS-WRIGHT FLIGHT SYSTEMS, INC.


Paul J. Ferdenzi

By 
Martin R. Benante, Chairman

STATE OF NEW JERSEY, COUNTY OF BERGEN SS.:

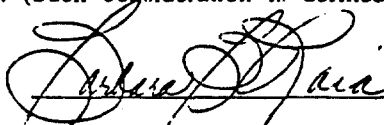
I CERTIFY that on December 18, 2001, PAUL J. FERDENZI personally came before me and acknowledged under oath, to my satisfaction, that:

- (a) this person is the Assistant Secretary of Curtiss-Wright Flight Systems, Inc., the corporation named in this Deed;
- (b) this person is the attesting witness to the signing of this Deed by the proper corporate officer who is the Chairman of the corporation;
- (c) this Deed was signed and delivered by the corporation as its voluntary act duly authorized by a proper resolution of its Board of Directors;
- (d) this person knows the proper seal of the corporation which was affixed to this Deed;

(b) signed, sealed and delivered this Deed as his or her act and deed; and

(e) this person signed this proof to attest to the truth of these facts; and

(f) the full and actual consideration paid or to be paid for the transfer of title is **FOURTY NINE MILLION DOLLARS.** (Such consideration is defined in N.J.S.A. 46:15-5.)



847360048

RECORD AND RETURN TO:

Prepared by: (Print Signer's name below signature)

DEED

This Deed is made on December 18, 2001

BETWEEN**CURTISS-WRIGHT FLIGHT SYSTEMS, INC.,**

whose address is One Passaic Street, Wood-Ridge, New Jersey 07075,
referred to as the Grantor.

AND**WOOD-RIDGE DEVELOPMENT, LLC,**

whose address is 45 Broadway, New York, New York 10006,
referred to as the Grantee.

The words "Grantor" and "Grantee" shall mean all Grantors and all Grantees listed above.

Transfer of Ownership. The Grantor grants and conveys (transfers ownership of) the property described below to the Grantee. This transfer is made for the sum of less than \$2,000,000.00 The Grantor acknowledges receipt of this money..

Tax Map Reference. (N.J.S.A. 46:15-2.1) Municipality of the Borough of Wood-Ridge, Block No. 320, Lot No. 1.04.

_____ No property tax identification number is available on the date of this deed. (Check if applicable.)

Property. The property consists of the land and all the buildings and structures on the land in the County of Bergen and State of New Jersey. The legal description is:

BEGINNING at a point in the Southwesterly line of Passaic Street (50.00 feet Wide) said **BEGINNING** point being at the termination of the following two (2) courses from the point of intersection of said Southwesterly line of Passaic Street, with the Southeasterly line of River Road (right-of way varies) (A) South 53 degrees 10 minutes 37 seconds East, along said Southwesterly line of Passaic Street, a distance of 765.90 feet to an angle point therein; (B) South 53 degrees 11 minutes 57 seconds East, continuing along said Southwesterly line of Passaic Street, a distance of 972.39 feet and running from said **BEGINNING** point

- (1) South 53 degrees 11 minutes 57 seconds East, along said Southwesterly line of Passaic Street, a distance of 170.14 feet to an angle point therein; thence
- (2) South 52 degrees 16 minutes 47 seconds East, continuing along said Southwesterly line of Passaic Street, a distance of 29.91 feet to the Northwestern line of Lot 2, Block 320; thence
- (3) South 38 degrees 10 minutes 23 seconds West, along said Northwestern line of Lot 2, a distance of 137.54 feet to the Westerly corner thereof; thence
- (4) South 52 degrees 41 minutes 27 seconds East, along the Southwesterly line of Lot 2, a distance of 147.00 feet to the Northwestern line of Lot 3, Block 320; thence

- (5) South 35 degrees 32 minutes 43 seconds West, along a portion of said Northwestern line of Lot 3, a distance of 358.42 feet to the Westerly corner thereof; thence
- (6) South 53 degrees 24 minutes 17 seconds East, along the Southwesterly line of Lot 3, a distance of 507.72 feet to the Southerly corner thereof; thence
- (7) North 35 degrees 32 minutes 43 seconds East, along the Southeasterly line of said Lot 3, a distance of 485.02 feet to the aforesaid Southwesterly line of Passaic Street; thence
- (8) South 52 degrees 16 minutes 47 seconds East, along said Southwesterly line of Passaic Street, a distance of 5.06 feet to the Northwestern line of Lot 1.02, Block 320; thence
- (9) South 07 degrees 07 minutes 51 seconds East, along said Northwestern line of Lot 1.02, a distance of 71.46 feet to an angle point therein; thence
- (10) South 35 degrees 32 minutes 43 seconds West, continuing along said Northwestern line of Lot 1.02, a distance of 568.10 feet to an angle point therein; thence
- (11) South 54 degrees 27 minutes 17 seconds East, continuing along said Northwestern line of Lot 1.02, a distance of 8.11 feet to an angle point therein; thence
- (12) South 34 degrees 44 minutes 43 seconds West, continuing along said Northwestern line of Lot 1.02, a distance of 1,054.84 feet to an angle point therein; thence
- (13) South 05 degrees 15 minutes 17 seconds East, continuing along said Northwestern line of Lot 1.02, a distance of 49.78 feet to the Northwestern line of a proposed street (right-of-way varies); thence
- (14) South 34 degrees 44 minutes 43 seconds West, along said Northwestern line of a proposed Street, a distance of 240.42 feet to an angle point therein; thence
- (15) South 34 degrees 51 minutes 43 seconds West, continuing along said Northwestern line of a proposed street, a distance of 261.30 feet to an angle point therein; thence
- (16) South 34 degrees 14 minutes 38 seconds West, continuing along said Northwestern line of a proposed street, the Northwestern line of Lot 35, Block 303 and along a portion of the Northwestern terminus of Highland Avenue (70.00 ft wide) a distance of 809.96 feet to the Northeasterly line of Lot 20, Block 288; thence
- (17) North 56 degrees 03 minutes 17 seconds West, along the Northwestern line of said Lot 20, Block 288, the Northeasterly line of 14th Street (50.00 ft. wide) along the Northeasterly line of Lots 16 through 12 and a portion of Lot 11, Block 286, a distance of 619.04 feet to the Division Line between New Lot 1.01 and New Lot 1.04, Block 320, thence along said Division Line the following eight (8) courses;
- (18) North 37 degrees 04 minutes 36 seconds East, a distance of 548.72 feet to a point; thence
- (19) North 52 degrees 55 minutes 24 seconds West, a distance of 251.93 feet to a point; thence
- (20) North 37 degrees 37 minutes 43 seconds East, a distance of 202.54 feet to a point; thence

- (21) North 36 degrees 35 minutes 49 seconds East, a distance of 1,713.51 feet to a point; thence
- (22) North 53 degrees 02 minutes 20 seconds West, a distance of 38.72 feet to a point; thence
- (23) North 36 degrees 57 minutes 40 seconds East, a distance of 243.30 feet to a point; thence
- (24) North 51 degrees 50 minutes 42 seconds West, a distance of 148.32 feet to a point; thence
- (25) North 38 degrees 10 minutes 23 seconds East, a distance of 350.00 feet to the point or place of **BEGINNING**.

Containing 2,071,848.6 S.F. = 47.563 Acres

The above description is drawn in accordance with a Minor Subdivision Map entitled "Proposed Minor Subdivision of Property, Block 320, Lot 1.01, Borough of Wood-Ridge, Bergen County, NJ," prepared by Birdsall Engineering, Inc., 1700 Main Street, Belmar, New Jersey 07719, dated November 27, 2001.

The aforesaid being subject to easements for road purposes granted to the County of Bergen by Deed of Easement from the Grantor herein to the County of Bergen, to be recorded simultaneously herewith, said easements being described as follows:

BEGINNING at the point of intersection of the Southwesterly line (25.00 feet from centerline) of Passaic Street, with the Southeasterly line (25.00 feet from centerline) of River Road and running from said **BEGINNING** point

- (1) South 53 degrees 10 minutes 37 seconds East, along the aforesaid Southwesterly line of Passaic Street, a distance of 765.90 feet to an angle point therein; thence
- (2) South 53 degrees 11 minutes 57 seconds East, continuing along said Southwesterly line of Passaic Street, a distance of 1,142.53 feet to an angle point therein; thence
- (3) South 52 degrees 16 minutes 47 seconds East, continuing along said Southwesterly line of Passaic Street, a distance of 29.91 feet to the Northwesterly line of Lot 2, Block 320; thence
- (4) South 38 degrees 10 minutes 23 seconds West, along said Northwesterly line of Lot 2, a distance of 8.00 feet to a point; thence along a line being parallel with and 33.00 feet Southwestwardly from, measured at right angles thereto, the aforesaid centerline of Passaic Street, the following three (3) courses
- (5) North 52 degrees 16 minutes 47 seconds West, a distance of 29.78 feet to a point; thence
- (6) North 53 degrees 11 minutes 57 seconds West, a distance of 1,142.47 feet to a point; thence
- (7) North 53 degrees 10 minutes 37 seconds West, a distance of 515.90 feet to a point; thence
- (8) South 36 degrees 49 minutes 23 seconds West, a distance of 11.00 feet to a point; thence
- (9) North 53 degrees 10 minutes 37 seconds West, along a line being parallel with and 44.00 feet Southwestwardly from, measured at right angles thereto, the aforesaid centerline of Passaic Street, a distance of 189.47 feet to a point of curvature; thence

- (10) Along a curve to the left, having a radius of 35.00 feet, a central angle of 96 degrees 31 minutes 40 seconds, a chord bearing of South 78 degrees 33 minutes 33 seconds West and distance of 52.24 feet, an arc distance of 58.97 feet to a point of tangency; thence
- (11) South 30 degrees 17 minutes 43 seconds West, along a line being parallel with and 44.00 feet Southeastwardly from, measured at right angles thereto, the centerline of River Road, a distance of 189.47 feet to a point; thence
- (12) North 59 degrees 42 minutes 17 seconds West, a distance of 11.00 feet to a point; thence
- (13) South 30 degrees 17 minutes 43 seconds West, along a line being parallel with and 33.00 feet Southeastwardly from, measured at right angles thereto, the aforesaid centerline of River Road, a distance of 342.81 feet to the Southeasterly line of River Road; thence
- (14) North 25 degrees 18 minutes 07 seconds East, along said Southeasterly line of River Road, a distance of 91.91 feet to an angle point therein; thence
- (15) North 30 degrees 17 minutes 43 seconds East, continuing along said Southeasterly line of River Road, a distance of 501.24 feet to the point or place of **BEGINNING**.

Containing 25,318.8 S.F. = 0.58 Acres

This description is in accordance with a map entitled, "Proposed Minor Subdivision of Property, Borough of Wood-Ridge, Block 320, Lot 1.01, Bergen County, New Jersey", prepared by Birdsall Engineering, Inc., and dated November 27, 2001, revised through December 13, 2001.

BEGINNING at the point of intersection of the Southeasterly line (25.00 feet from centerline) of River Road, with the Northeasterly line of Conrail Erie Lackawana Railway Company (Lot 1, Block 335) and running from said **BEGINNING** point

- (1) North 46 degrees 41 minutes 43 seconds East, along the aforesaid Southeasterly line of River Road, a distance of 600.19 feet to an angle point therein; thence
- (2) North 43 degrees 01 minutes 43 seconds East, continuing along said Southeasterly line of River Road, a distance of 113.78 feet to an angle point therein; thence
- (3) North 49 degrees 02 minutes 14 seconds East, continuing along said Southeasterly line of River Road, a distance of 76.06 feet to a point; thence
- (4) South 43 degrees 01 minutes 43 seconds West, along a line being parallel with, and 33.00 feet Southeastwardly from, measured at right angles thereto, the aforesaid centerline of River Road, a distance of 190.27 feet to a point; thence
- (5) South 46 degrees 41 minutes 43 seconds West, along a line being parallel with, and 33.00 feet Southeastwardly from, measured at right angles thereto, the aforesaid centerline of River Road, a distance of 601.05 feet to the aforesaid Northeasterly line of Conrail Erie Lackawana Railway Company; thence
- (6) Northwestwardly, along said Northeasterly line, along a curve to the left, having a radius of 2,462.00 feet, a chord bearing of North 34 degrees 48 minutes 11 seconds West and distance of 8.09 feet, an arc distance of 8.09 feet to the point or place of **BEGINNING**.

Containing 6,015.4 S.F. = 0.14 Acres

This description is in accordance with a map entitled, "Proposed Minor Subdivision of Property, Borough of Wood-Ridge, Block 320, Lot 1.01, Bergen County, New Jersey", prepared by Birdsall Engineering, Inc., and dated November 27, 2001, revised through December 13, 2001.

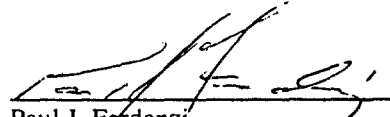
The property conveyed herein shall be restricted to non-residential uses in accordance with the terms and conditions of ISRA Case Number E84-205. Grantor shall have no obligation to remediate the property conveyed herein further than to meet NJDEP non-residential standards as set forth in Grantor's approved Remedial Action Work Plans with the NJDEP pursuant to ISRA Case Number E84-205.


The property being conveyed herein is subject to such easements, restrictions and rights of third parties appearing of record, together with those set forth on a Minor Subdivision Map entitled "Proposed Minor Subdivision of Property, Block 320, Lot 1.01, Borough of Wood-Ridge, Bergen County, NJ," prepared by Birdsall Engineering, Inc., 1700 Main Street, Belmar, New Jersey 07719, dated November 27, 2001.

Promises by Grantor. The Grantor promises that the Grantor has done no act to encumber the property. This promise is called a "covenant as to grantor's acts" (N.J.S.A. 46:4-6). This promise means that the Grantor has not allowed anyone else to obtain any legal rights which affect the property (such as by making a mortgage or allowing a judgment to be entered against the Grantor).

Witnessed by:

CURTISS-WRIGHT FLIGHT SYSTEMS, INC.


Paul J. Ferdenzi

By 
(Martin R. Benante, Chairman

STATE OF NEW JERSEY, COUNTY OF BERGEN SS.:

I CERTIFY that on December 18, 2001, PAUL J. FERDENZI personally came before me and acknowledged under oath, to my satisfaction, that:

(a) this person is the Assistant Secretary of Curtiss-Wright Flight Systems, Inc., the corporation named in this Deed;

(b) this person is the attesting witness to the signing of this Deed by the proper corporate officer who is the Chairman of the Board of Directors of the corporation;

(c) this Deed was signed and delivered by the corporation as its voluntary act duly authorized by a proper resolution of its Board of Directors;


(d) this person knows the proper seal of the corporation which was affixed to this Deed;

(b) signed, sealed and delivered this Deed as his or her act and deed; and

(e) this person signed this proof to attest to the truth of these facts; and

(f) the full and actual consideration paid or to be paid for the transfer of title is TWO MILLION DOLLARS. (Such consideration is defined in N.J.S.A. 46:15-5.)

RECORD AND RETURN TO:


BARBARA B. RAIMA
A Notary Public of New Jersey
My Commission Expires January 12, 2004

DEED

Reconveyance of Island

THIS INDENTURE, made this 23 day of July, 1964, between the UNITED STATES OF AMERICA, acting by and through the ADMINISTRATOR OF GENERAL SERVICES, under and pursuant to the powers and authority contained in the provisions of the Federal Property and Administrative Services Act of 1949 (63 Stat. 377) as amended, and Regulations and Orders promulgated thereunder, party of the first part, and CURTISS-WRIGHT CORPORATION, a corporation organized and existing under the laws of the State of Delaware, and having a place of business at Main and Passaic Streets, City of Wood-Ridge, County of Bergen, State of New Jersey, party of the second part.

WITNESSETH

That the said party of the first part, for and in consideration of the sum of ONE HUNDRED (\$100.00) DOLLARS, lawful money of the United States, and other good and valuable consideration, to it duly paid by the said party of the second part, at or before the ensealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, remised, released, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the said party of the second part, its successors and assigns, forever, the following described property:

ALL those lots or parcels of land and premises, together with buildings and improvements thereon erected, situate, lying and being in the Borough of Wood-Ridge, County of Bergen and State of New Jersey, bounded and described as follows:

Parcel 1

BEGINNING at a point one (1) foot westerly of the westerly side of a thirty (30) foot wide concrete road which point is distant, five hundred thirteen and ten hundredths (513.10) feet northerly on a course of north forty-five (45) degrees sixteen (16) minutes east from the extreme southerly line of the whole tract; said course being distant, four hundred eight and ninety-six hundredths (408.96) feet southeasterly on a course of south forty-seven (47) degrees fifty-two (52) minutes east from a monument on the right of way of the Erie Railroad Company, and running thence (1) north forty-four (44) degrees forty-four (44) minutes west, three hundred fifty-three and forty-four hundredths (353.44) feet, thence (2) north forty-five (45) degrees sixteen (16) minutes east,

one hundred one and seventy-six hundredths (101.76) feet, thence (3) south forty-four (44) degrees forty-four (44) minutes east, on hundred twenty-seven and forty-four hundredths (127.44) feet, thence (4) north forty-five (45) degrees sixteen (16) minutes east one hundred sixty-five and fifty-six hundredths (165.56) feet, thence (5) south forty-four (44) degrees forty-four (44) minutes east, two hundred and twenty-six (226) feet to a point one (1) foot westerly of the prolongation of the westerly side of the thirty (30) foot concrete road, and thence (6) south forty-five (45) degrees sixteen (16) minutes west, two hundred sixty-seven and thirty-two hundredths (267.32) feet to the point or place of beginning, said parcel being described as "Island".

Together with an easement for the following purposes:

- a. The right of ingress to and egress from the Island.
- b. The construction, installation, maintenance, use, operation, repair, relocation and removal of such pipe lines, power lines and other utility lines and facilities as shall be constructed or installed for use in connection with the Island and facilities constructed and/or to be constructed thereon.

Which said easement is more particularly bounded and described as follows:

BEGINNING at a point one (1) foot west of the westerly side of a thirty (30) foot wide concrete road which point is distant, five hundred thirteen and ten hundredths (513.10) feet northerly on a course of north forty-five (45) degrees sixteen (16) minutes east from the extreme southerly line of Parcel II as described in deed dated September 3, 1946 between Reconstruction Finance Corporation, acting by and through War Assets Administration, and Wright Aeronautical Corporation, recorded in the Bergen County Clerk's Office in Deed Book 2678, page 441, said course being distant, four hundred eight and ninety-six hundredths (408.96) feet south-easterly on a course of south forty-seven (47) degrees fifty-two (52) minutes east from a monument on the right of way of the Erie Railroad Company and running thence, (1) north forty-five (45) degrees sixteen (16) minutes east, two hundred sixty-seven and thirty-two hundredths (267.32) feet, which line coincides with and is identical to the most easterly line of the Island above described; thence (2) south forty-four (44) degrees forty-four (44) minutes east, thirty-two (32.00) feet; thence (3) south forty-five (45) degrees sixteen (16) minutes west, six hundred fifty-four and forty-three hundredths (654.43) feet; thence (4) south twenty-one (21) degrees fifty-nine (59) minutes west, fifty-eight and fifty hundredths (58.50) feet; thence (5) south twenty-four (24) degrees thirty-five (35) minutes east, fifty-eight and fifty hundredths (58.50) feet; thence (6) south forty-seven (47) degrees fifty-two (52) minutes east, eight hundred ten and eighty-six hundredths (810.86) feet to a point on easterly line of aforementioned Parcel II; thence (7) along said line south forty-two (42) degrees forty-eight (48) minutes west, forty-six (46.00) feet to a monument; thence (8) north forty-seven (47) degrees fifty-two (52) minutes west along the south line of aforementioned Parcel II eight hundred ninety-six and twenty-four hundredths (896.24) feet; thence (9) north twenty-eight (28) degrees sixteen (16) minutes east, one hundred forty and seventy-five hundredths (140.75) feet to a point; thence (10) north forty-five (45)

degrees sixteen (16) minutes east, three hundred seventy-seven and two hundredths (377.02) feet to a point on the southerly line of the Island above described; thence (11) south forty-four (44) degrees forty-four (44) minutes east on said southerly line fourteen (14.00) feet to the point or place of beginning.

The above descriptions being based upon a survey made by Edward G. Ulbricht, Engineer and Surveyor, dated July 16, 1946.

Parcel 2

BEGINNING at a monument in lands now or formerly of the Curtiss-Wright Corporation, said monument being located the two (2) following courses and distances from a monument set in the southwesterly boundary of the whole tract, of which this parcel forms a part, where said boundary intersects the southeasterly right of way line of the Erie Railroad:

- (1) S 47° 52' E 408.96 feet to a monument;
- (2) N 45° 16' E 355.42 feet to the above mentioned point of beginning.

Running thence through lands now or formerly of the Curtiss-Wright Corporation the ten (10) following courses and distances:

- (1) N 44° 44' W 257.44 feet to a monument;
- (2) S 45° 16' W 137.00 feet to a monument;
- (3) N 44° 44' W 96.00 feet to a monument;
- (4) N 45° 16' E 76.22 feet to a monument;
- (5) N 44° 44' W 62.50 feet to a monument;
- (6) N 45° 16' E 51.00 feet to a monument;
- (7) S 44° 44' E 10.50 feet to a brass screw drilled in a boulder;
- (8) N 45° 16' E 81.33 feet to a brass screw drilled in the side wall of the concrete flume;
- (9) S 44° 44' E 52.00 feet to a monument;
- (10) N 45° 16' E 86.13 feet to a point in lands of the United States of America; thence S 44° 44' E along said lands of the United States of America 353.44 feet to an old monument; thence S 45° 16' W 157.68 feet to the point or place of beginning.

Parcel 3

BEGINNING at a point in the boundary line between lands now or formerly of the Curtiss-Wright Corporation and lands of the United States of America, said point being located the three following courses and distances from a monument set in the southwesterly boundary of the whole tract, of which this parcel forms a part, where said boundary intersects the southeasterly right of way line of the Erie Railroad:

- (1) S 47° 52' E 408.96 feet to a monument;
- (2) N 45° 16' E 780.42 feet to a monument;
- (3) N 44° 44' W 226.00 feet to the above mentioned point of beginning.

Running thence along said lands of the United States of America S 45° 16' W 165.56 feet; thence N 44° 44' W still along lands of the same 127.44 feet; thence through lands now or formerly of the Curtiss-Wright Corporation the four (4) following courses and distances:

- (1) N 45° 16' E 55.56 feet to a pipe;
- (2) S 44° 44' E 93.44 feet to a pipe;
- (3) N 45° 16' E 110.00 feet to a pipe;
- (4) S 44° 44' E 34.00 feet to the point or place of beginning.

Containing in the two (2) above described parcels numbered 2 and 3 a total of 2.00 acres of land, more or less.

Parcel 4

BEGINNING at a point located as follows:

BEGINNING at a monument set in the extreme southwesterly line of the whole tract where same is intersected by the southeasterly line of the Erie Railroad and from thence running:

- (A) South 47 degrees 52 minutes East along said extreme southwesterly line of the whole tract a distance of 408.96 feet to a monument; thence
- (B) North 45 degrees 16 minutes East a distance of 355.42 feet to a monument; thence
- (C) North 44 degrees 44 minutes West a distance of 157.44 feet to the point of beginning of the tract herein conveyed; and from thence running
- (1) North 44 degrees 44 minutes West a distance of 100 feet to a monument; thence
- (2) South 45 degrees 16 minutes West a distance of 137 feet to a monument; thence
- (3) South 44 degrees 44 minutes East a distance of 100 feet to a point; thence
- (4) North 45 degrees 16 minutes East a distance of 137 feet to the point or place of beginning of the tract herein conveyed.

Containing 0.3145 of an acre.

Parcel 5

BEGINNING at a point located as follows:

BEGINNING at a monument set in the extreme southwesterly line of the whole tract at a point where same is intersected by the southeasterly line of the Erie Railroad and from thence running:

- (A) South 47 degrees 52 minutes East along said extreme southwesterly line of the whole tract a distance of 408.96 feet to a monument; thence
- (B) North 45 degrees 16 minutes East a distance of 370.42 feet to a monument; thence
- (C) North 44 degrees 44 minutes West a distance of 353.44 feet to a point; thence

(D) North 45 degrees 16 minutes East a distance 56.55 feet to a monument and to the point of beginning of the tract herein conveyed; and from thence running:

- (1) North 45 degrees 16 minutes East a distance of 55 feet to a point; thence
- (2) North 44 degrees 44 minutes West a distance of 80 feet to a point; thence
- (3) South 45 degrees 16 minutes West a distance of 55 feet to a point; thence
- (4) South 44 degrees 44 minutes East a distance of 80 feet to a monument and the point or place of beginning of the tract herein conveyed.

✓ Containing 0.1010 of an acre.

Parcel 6

BEGINNING at a point located as follows:

BEGINNING at a monument set in the extreme southwesterly line of the whole tract at a point where same is intersected by the southeasterly line of the Erie Railroad and from thence running:

- (A) South 47 degrees 52 minutes East along said extreme southwesterly line of the whole tract a distance of 408.96 feet to a monument; thence
- (B) North 45 degrees 16 minutes East a distance of 370.42 feet to a monument; thence
- (C) North 44 degrees 44 minutes West a distance of 353.44 feet to a point; thence
- (D) South 45 degrees 16 minutes West a distance of 75.78 feet to a monument and to the point of beginning of the tract herein conveyed; and from thence running

- (1) North 44 degrees 44 minutes West a distance of 62.5 feet to a monument; thence
- (2) South 45 degrees 16 minutes West a distance of 76.22 feet to a point; thence
- (3) South 44 degrees 44 minutes East a distance of 62.50 feet to a monument; thence
- (4) North 45 degrees 16 minutes East a distance of 76.22 feet to a monument and the point or place of beginning of the tract herein conveyed.

Containing 0.1094 of an acre.

✓ CONTAINING in the three (3) above described parcels numbered 4, 5, and 6 a total of 0.525 of an acre of land, more or less.

RECEIVED

1964 AUG -4 PM 3:35

Alfred J. Allen
REGENT COUNTY CLERK

TOGETHER with the items of personal property, fixtures and equipment located on the above described land and/singular the tenements, hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof, AND, also all the estate, right, title, interest, property, possession, claim and demand whatsoever, as well in law as in equity, of the said party of the first part, of, in and to the above described premises and every part and parcel thereof, with the appurtenances.

TO HAVE AND TO HOLD the above mentioned and described premises, with the appurtenances, unto the parties of the second part, its successor and assigns, forever.

THIS DEED is executed and delivered to the said parties of the second part, its successors and assigns, without representations, warranties or covenants, either express or implied.

Said property transferred hereby was duly determined to be surplus and was assigned to General Services Administration for disposal pursuant to the Federal Property and Administrative Services Act of 1949 (63 Stat. 377) as amended, and applicable rules, orders and regulations.

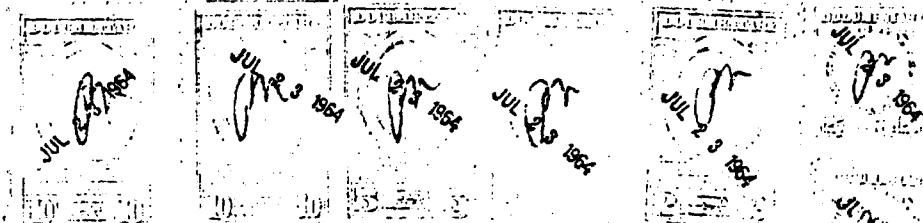
IN WITNESS WHEREOF, the party of the first part has caused this instrument to be executed in its name by Edward V. Kline, Acting Regional Administrator, who has hereunto affixed his hand and seal the day and year first above written.

UNITED STATES OF AMERICA
Acting by and through the
ADMINISTRATOR OF GENERAL SERVICES

In the presence of:

Paul F. Cirillo
Paul F. Cirillo

Edward V. Kline
Edward V. Kline (L.S.)



STATE OF NEW YORK)
) SS:
 COUNTY OF NEW YORK)

Be it remembered that on this 23 day of July, 1964,
 before me, the subscribed, a Notary Public of the State of New York,
 authorized by the Laws of said State to take acknowledgments of Deeds, per-
 sonally appeared Edward V. Kline, Acting Regional Administrator, Region 2,
 New York, General Services Administration, residing at 68 Seventh Street,
 New Hyde Park, Long Island, New York, to me known and known to me to be the
 Acting Regional Administrator, Region 2, New York, General Services Admin-
 istration, duly delegated, empowered and authorized by the Administrator of
 General Services, who being by me duly sworn on his oath, doth depose and
 make proof to my satisfaction that he is the person described in and who
 executed the within instrument for and on behalf of the Administrator of
 General Services, and having first made known to him the contents thereof,
 he did thereupon acknowledge that he signed, sealed and delivered the same
 as the voluntary act and deed of the Administrator of General Services,
 acting for and on behalf of the United States of America, for the purposes
 and uses therein described.

Paul F. Cirillo

Paul F. Cirillo
 Notary Public - State of New York
 No. 30-559750
 Qualified in Nassau County
 Cert. filed with the New York Co. Clerk
 Commission Expires March 30, 1966



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BOOK 4671 PAGE

8

Acting by and through the
ADMINISTRATOR OF GENERAL SERVICES

RECORDING FEE \$7.15

PAID

ABSTRACTED

TO

CURTISS-WRIGHT CORPORATION

DEED

Alexander Allen
County Clerk

*Lawyers - Clinton Title
Insurance Co. of N.J.
15 Market St.
Newark N.J.*

PTJ
LAWYERS CLINTON TITLE INSURANCE CO. OF N.J.
15 MARKET STREET, NEWARK 2, NEW JERSEY

41124 AUG 4 64 DEED

7.15

46896

BARGAIN AND SALE DEED

THIS INDENTURE, made the 3rd day of September, One Thousand Nine Hundred and Forty-six, between RECONSTRUCTION FINANCE CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the United States, having its principal office at 811 Vermont Avenue, N.W., in Washington, District of Columbia, (which corporation has succeeded, pursuant to the provisions of Public Law 109, 79th Congress, approved on June 30, 1945, to all the rights and assets of Defense Plant Corporation), acting by and through WAR ASSETS ADMINISTRATOR, under and pursuant to Executive Order 9801, dated January 31, 1946, and the powers and authority contained in the provisions of the Surplus Property Act of 1944 (58 Stat. 765); and SUPA REGULATION No. 1, as amended, (11 F.R. 408), party of the first part, and WRIGHT AERONAUTICAL CORPORATION, a corporation organized and existing under the laws of the State of New York, and having its principal office and place of business at 30 Rockefeller Plaza, in the Borough of Manhattan, City, County and State of New York, party of the second part,

WITNESSETH:

That the said party of the first part, for and in consideration of the sum of ONE HUNDRED (\$100.00) DOLLARS and other good and valuable consideration, lawful money of the United States, to it duly paid by the said party of the second part, at or before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, remised, released, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the said party of the second part, and to its successors and assigns forever, All those lots or parcels of land and premises, together with the buildings and improvements thereon erected, situate, lying and being in the Borough of Wood Ridge, County of Bergen and State of New Jersey, bounded and described as follows:

PARCEL 1:

BEGINNING at the corner formed by the intersection of the southeasterly line of South Main Street (formerly known as the road leading from Passaic to Lodi) with the southwesterly line of Passaic Street (formerly known as the road leading from Knowles Mill to Pollifly and also formerly known as Terhune Avenue); from thence running (1) along the southwesterly line of Passaic Street south 44 degrees 59 minutes 20 seconds east 765.90 feet to a point therein; thence (2) still along said line of Passaic Street south 45 degrees 0 minutes 40 seconds east 1142.53 feet to a point; thence (3) still along said



line of Passaic Street south 44 degrees 5 minutes 30 seconds east 763.70 feet to a point; thence (4) south 43 degrees 44 minutes west 521.13 feet to the northeasterly line of land formerly of the Standard Oil Company of New Jersey; thence (5) along said line south 47 degrees 27 minutes east 7.26 feet to a stone monument; thence (6) south 42 degrees 56 minutes west along the southeasterly line of land formerly of the Standard Oil Company of New Jersey 1429.58 feet to a stone monument therein; thence (7) still along the same south 43 degrees 3 minutes west 261.3 feet to a monument; thence (8) still along the same south 42 degrees 18 minutes west 596.16 feet to a monument formerly the southerly corner of land belonging to the Standard Oil Company of New Jersey; thence (9) along the southwesterly line of land formerly of the Standard Oil Company of New Jersey north 47 degrees 52 minutes west 1399.5 feet to a rail monument in the easterly line of the right of way of the Bergen County Railroad; thence (10) along the easterly line of land of the Bergen County Railroad on a curve to the left with a radius of 2487 feet, 707.78 feet to a rail monument; thence (11) still along the line of lands of the Bergen County Railroad north 70 degrees 7 minutes west 22.1 feet to a point therein; thence (12) still along the same north 4 degrees 46 minutes east 144.20 feet to a rail monument therein; thence (13) still along the same north 86 degrees 17 minutes 50 seconds west 20 feet to a rail monument marking the easterly right of way line of the Bergen County Railroad; thence (14) along the easterly line of the right of way line of the Bergen County Railroad northerly and curving to the left on a radius of 2455 feet a distance of 1049.01 feet to a rail monument; thence (15) along the line of the Bergen County Railroad north 66 degrees 13 minutes 40 seconds east 7 feet to a rail monument; thence (16) northerly still along the easterly line of lands of the Bergen County Railroad curving to the left on a radius of 2462 feet a distance of 48.56 feet to a point; thence (17) north 46 degrees 50 minutes east 193 feet to a point in the southeasterly line of South Main Street; thence (18) along the southeasterly line of South Main Street south 54 degrees 47 minutes west 187 feet to a point in the aforesaid easterly line of lands of the Bergen County Railroad; thence (19) northerly curving to the left with a radius of 2462 feet along the line of lands of Bergen County Railroad 25.07 feet to the center line of South Main Street and thence (20) along the center line of South Main Street north 54 degrees 53 minutes east 594.38 feet to a point therein; thence (21) still along the center line of South Main Street north 51 degrees 13 minutes east 217.14 feet to a point therein; thence (22) south 79 degrees 21 minutes east 32.96 feet to a stone monument in the southeasterly line of South Main Street; thence (23) along the southeasterly line of South Main Street north 48 degrees 1 minute east 64.84 feet to a point therein and thence (24) still along the southeasterly line of South Main Street north 38 degrees 29 minutes east 737.53 feet to the aforesaid southwesterly line of Passaic Street and this point and place of beginning.

The above description being in accordance with a survey made by Edward G. Ulbricht, Engineer and Surveyor, dated May 15, 1942.

PARCEL I BEING the same premises heretofore conveyed to Defense Plant Corporation by four separate deeds as follows:

(a) Deed made by Frank Revicki and Berta Revicki, his wife, dated May 22, 1942, and recorded May 26, 1942, in the Bergen County Clerk's Office in Book 2334 of Deeds, at Page 536;

(b) Deed made by Asbestos Cement Pipes, Inc., a New Jersey Corporation, dated May 22, 1942, and recorded May 26, 1942 in the Bergen County Clerk's Office in Book 2334 of Deeds, at Page 539;

(c) Deed made by Jehn Groot and Alphonsine Groot, his wife, dated May 25, 1942, and recorded May 27, 1942 in the Bergen County Clerk's Office in Book 2341 of Deeds, at Page 24;

(d) Deed made by Standard Oil Company of New Jersey, a Delaware Corporation, dated May 26, 1942, and recorded May 27, 1942, in the Bergen County Clerk's Office in Book 2341 of Deeds, at Page 26; title to which premises thereafter vested in Reconstruction Finance Corporation pursuant to Public Law 109, 79th Congress, approved June 30, 1945.

PARCEL II:

BEGINNING at the point of intersection of the easterly line of right of way of the Bergen County Railroad with the division line between lands now or formerly of Isaiah Rynders and lands of Knowles and Soule; thence (1) south 47 degrees 52 minutes east along said division line 1392.39 feet, more or less, to the Polifly line; thence (2) along the same north 42 degrees 48 minutes east 213.84 feet to a corner of lands now or formerly of Standard Oil Company; thence (3) along the same north 47 degrees 52 minutes west 1359.50 feet, more or less, to the easterly line of right of way of the Bergen County Railroad; thence (4) along the same south 22 degrees 11 minutes west 227.49 feet, more or less, to the point or place of beginning. Containing 6.73 acres, more or less.

PARCEL II BEING the same premises heretofore acquired by United States of America in a Condemnation Proceeding in the United States District Court, in and for the District of New Jersey, entitled "United States of America, Petitioner, vs. 6.73 acres of Land, situated in the Borough of Wood-Ridge, County of Bergen, State of New Jersey, and Gloria L. Turner, and Arthur E. Mathe, Defendants." BEING the same premises heretofore conveyed to Defense Plant Corporation by deed made by Reconstruction Finance Corporation, dated July 29, 1944, and recorded in the Bergen County Clerk's Office on August 17, 1944, in Book 2467, page 386, title to which premises thereafter vested in Reconstruction Finance Corporation pursuant to Public Law 109, 79th Congress, approved on June 30, 1945.

TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to any land lying in the bed of any street, road or avenue opened or proposed, in front of or adjoining said premises, to the center line thereof.

TOGETHER with, all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, and the rents, issues and profits thereof. And, also, all the estate, right, title and interest, property, possession, claim and demand whatsoever, as well in law as in equity, of the said party of the first part, of, in and to the above-described premises and every part and parcel thereof, with the appurtenances.

TO HAVE AND TO HOLD, all and singular, the foregoing described premises, together with the appurtenances, unto the said party of the second part, its successors and assigns, to its own use, benefit and behoof forever.

EXCEPTING from Parcel I the following described parcel of land and premises, together with the improvements thereon, and which parcel is herein after, for the purpose of identification, described as "Island":

BEGINNING at a point one (1) foot westerly of the westerly side of a thirty (30) foot wide concrete road which point is distant, five hundred thirteen and ten hundredths (513.10) feet northerly on a course of north forty-five (45) degrees sixteen (16) minutes east from the extreme southerly line of the whole tract; said course being distant, four hundred eight and ninety-six hundredths (408.96) feet southeasterly on a course of south forty-seven (47) degrees fifty-two (52) minutes east from a monument on the right of way of the Erie Railroad Company, and running thence (1) north forty-four (44) degrees forty-four (44) minutes west, three hundred fifty-three and forty-four hundredths (353.44) feet, thence (2) north forty-five (45) degrees sixteen (16) minutes east, one

hundred one and seventy-six hundredths (101.76) feet, thence (3) south forty-four (44) degrees forty-four (44) minutes east, one hundred twenty-seven and forty-four hundredths (127.44) feet, thence (4) north forty-five (45) degrees sixteen (16) minutes east, one hundred sixty-five and fifty-six hundredths (165.56) feet, thence (5) south forty-four (44) degrees forty-four (44) minutes east, two hundred and twenty-six (226) feet to a point one (1) foot westerly of the prolongation of the westerly side of the thirty (30) foot concrete road, and thence (6) south forty-five (45) degrees sixteen (16) minutes west, two hundred sixty-seven and thirty-two hundredths (267.32) feet to the point or place of beginning.

There is reserved to the party of the first part from the premises herein conveyed an easement for the following purposes:

- (a) The right, in common with the party of the second part, of ingress to and egress from the Island.
- (b) The construction, installation, maintenance, use, operation, repair, relocation and removal of such pipe lines, power lines and other utility lines and facilities as shall be constructed or installed for use in connection with the Island and facilities constructed and/or to be constructed thereon.

Which said easement is more particularly bounded and described as follows:

BEGINNING at a point one (1) foot west of the westerly side of a thirty (30) foot wide concrete road which point is distant, five hundred thirteen and ten hundredths (513.10) feet northerly on a course of north forty-five (45) degrees sixteen (16) minutes east from the extreme southerly line of Parcel II above described, said course being distant, four hundred eight and ninety-six hundredths (408.96) feet southeasterly on a course of south forty-seven (47) degrees fifty-two (52) minutes east from a monument on the right of way of the Erie Railroad Company and running thence, (1) north forty-five (45) degrees sixteen (16) minutes east, two hundred sixty-seven and thirty-two hundredths (267.32) feet, which line coincides with and is identical to the most easterly line of the Island above described; thence (2) south forty-four (44) degrees forty-four minutes east, thirty-two (32.00) feet; thence (3) south forty-five (45) degrees sixteen (16) minutes west, six hundred fifty-four and forty-three hundredths (654.43) feet; thence (4) south twenty-one (21) degrees fifty-nine (59) minutes west, fifty-eight and fifty hundredths (58.50) feet; thence (5) south twenty-four (24) degrees thirty-five (35) minutes east, fifty-eight and fifty hundredths (58.50) feet; thence (6) south forty-seven (47) degrees fifty-two (52) minutes east, eight hundred ten and eighty-six hundredths (810.86) feet to a point on easterly line of Parcel II above described; thence (7) along said line south forty-two (42) degrees forty-eight (48) minutes west, forty-six (46.00) feet to a monument; thence (8) north forty-seven (47) degrees fifty-two (52) minutes west along the south line of Parcel II above described eight hundred ninety-six and twenty-four hundredths (896.24) feet; thence (9) north twenty-eight (28) degrees sixteen (16) minutes east, one hundred forty and seventy-five hundredths (140.75) feet to a point; thence (10) north forty-five (45) degrees sixteen (16) minutes east, three hundred seventy-seven and two hundredths (377.02) feet to a point on the southerly line of the Island above described; thence (11) south forty-four (44) degrees forty-four (44) minutes east on said southerly line fourteen (14.00) feet to the point or place of beginning.

The above descriptions being based upon a survey made by Edward G. Ulbricht, Engineer and Surveyor, dated July 16, 1946.

Said land was duly declared surplus and assigned to War Assets Administrator for disposal, acting pursuant to Executive Order 9689 and the pro-

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BERGEN COUNTY
SEP 4 11 30 AM '46
ALEXANDER ALLAN
COUNTY CLERK

visions of the above mentioned Act and S. P. A. Regulation No. 1, as amended.

And the said party of the second part has certified, and, by the acceptance of this deed, agrees for itself, its successors and assigns, as follows:

- First: That it is acquiring the said property for its own use.
- Second: That it is not purchasing the said premises for the purpose of reselling or leasing it.
- Third: That in no case will it resell or lease the said property within three (3) years from the date of this instrument, without first obtaining the written authorization of the War Assets Administrator.

IN WITNESS WHEREOF, the party of the first part has caused this deed to be executed in its name by D. J. Duggan, Deputy Regional Director for Real Property Disposal, War Assets Administration, who has hereunto affixed his hand and seal the day and year first above written.

WITNESS:

John F. Kenny
John F. Kenny.

RECONSTRUCTION FINANCE CORPORATION
Acting By and Through
WAR ASSETS ADMINISTRATOR

By D. J. Duggan (L.S.)
D. J. Duggan
Deputy Regional Director for
Real Property Disposal.

STATE OF NEW YORK)
COUNTY OF NEW YORK } ss:

BE IT REMEMBERED, that on this 3rd day of September, in the year One Thousand Nine Hundred and Forty-six, before me, the subscriber, an attorney-at-law of New Jersey, personally appeared D. J. DUGGAN, Deputy Regional Director for Real Property Disposal, War Assets Administration, the person described in and who executed the foregoing instrument, duly designated, empowered and authorized by the War Assets Administrator to execute the foregoing instrument in his behalf pursuant to a delegation of authority dated the 30th day of July, in the year One Thousand Nine Hundred and Forty-six, who, I am satisfied, is the person who executed the within instrument for and on behalf of the War Assets Administrator, and I having first made known to him the contents thereof, he thereupon acknowledged that he signed, sealed and delivered the same as his voluntary act and deed, and as the voluntary act and deed of the War Assets Administrator, acting for and on behalf of Reconstruction Finance Corporation for the uses and purposes therein expressed.

John F. Kenny
John F. Kenny
Attorney-at-law of New Jersey.

DELEGATION OF AUTHORITY NO.

DELEGATION OF AUTHORITY INCIDENT TO CONVEYANCING

John J. O'Brien, the Deputy Administrator, David C. McPherson, the Assistant Deputy Administrator, Office of Real Property Disposal; Cecil L. deWolfe, Deputy Regional Director for Real Property Disposal, Los Angeles, California; William T. Kirby, Deputy Regional Director for Real Property Disposal, Chicago, Illinois; Walter H. Sullivan, Jr., Deputy Regional Director for Real Property Disposal, San Francisco, California; John A. Retter, Deputy Regional Director for Real Property Disposal, Cleveland, Ohio; E. Wilbur Barnes, Deputy Regional Director for Real Property Disposal, Portland, Oregon; Charles J. Blair, Deputy Regional Director for Real Property Disposal, Richmond, Virginia; Morgan R. Lewis, Deputy Regional Director for Real Property Disposal, Dallas, Texas; E. V. Turney, Deputy Regional Director for Real Property Disposal, Kansas City, Missouri; D. J. Duggan, Deputy Regional Director for Real Property Disposal, New York, N.Y.; G. R. Tracy, Deputy Regional Director for Real Property Disposal, Philadelphia, Pennsylvania; Joseph F. Connolly, Deputy Regional Director for Real Property Disposal, Boston, Massachusetts; Frank L. McGinnis, Deputy Regional Director for Real Property Disposal, Birmingham, Alabama; and C. C. Fletcher, Deputy Regional Director for Real Property Disposal, St. Louis, Missouri, are hereby authorized, individually (1) to execute, acknowledge and deliver any deed, lease, permit, contract, receipt, bill of sale, or other instruments in writing in connection with the care, handling and disposal of surplus real property, or personal property assigned for disposition with real property, located within the United States, its territories and possessions, (2) to accept any notes, bonds, mortgages, deeds of trust or other security instruments taken as consideration in whole or in part for the disposition of such surplus real or personal property, and (3) to do or perform any other act necessary to effect the transfer of title to any such surplus real or personal property located as above provided; all pursuant to the provisions of the Surplus Property Act of 1944, 58 Stat. 765 (50 U.S.C. App. Supp. 1611), as amended by Public Law 181, 79th Congress; Executive Order 9689 (11 F.R. 1265); Surplus Property Administration Regulation No. 1, as amended (10 F.R. 14064; 11 F.R. 2602; 11 F.R. 3035); and Surplus Property Administration General Amendment of January 5, 1946 (11 F.R. 408).

R. G. Rhett, the Secretary of the Real Property Disposal Board, War Assets Administration is authorized to certify true copies of this Delegation and provide such further certification as may be necessary to effectuate the intent of this delegation in form for recording in any jurisdiction, as may be required.

This delegation shall be effective as of the opening of business on August 1, 1946.

This authority confirms such authorities previously granted certain of the above named individuals under dates of May 17, 1946 and May 29, 1946.

This delegation shall be filed with the Division of the Federal Register for publication in the Federal Register.

(signed) Robert M. Littlejohn

ROBERT M. LITTLEJOHN
Administrator

July 30, 1946


CERTIFICATE OF SECRETARY
REAL PROPERTY DISPOSAL BOARD
WAR ASSETS ADMINISTRATION

I, the undersigned, R. G. Rhett, Secretary, Real Property Disposal Board, War Assets Administration, in my official capacity as such Secretary, and duly authorized in the DELEGATION OF AUTHORITY INCIDENT TO CONVEYANCING dated July 30, 1946, to make the following certification, do hereby certify:

1. That D. J. Duggan
is the Deputy Regional Director for Real Property Disposal, War Assets Administration, New York, New York
duly appointed, authorized and acting in such capacity at the time of the execution of the attached instrument.

2. That the attached DELEGATION OF AUTHORITY INCIDENT TO CONVEYANCING is a true and correct copy of the original of said DELEGATION OF AUTHORITY, dated July 30, 1946.

Given under my hand this 3rd. day of September,
1946.


Secretary
Real Property Disposal Board
War Assets Administration
R. G. Rhett

847360071

CHARGE
WRIGHT INTERNATIONAL CORPORATION

SALE AND SALE ORDER

Amend

LAWYERS TITLE GUARANTY COMPANY OF NEW JERSEY
7 NELSON PLACE
NEWARK, NEW JERSEY

EXHIBIT 13(c)

847360072

EXHIBIT 13(c)

Tenant List
(1972-2001)

Anju Fabrics
Bond Warehouse
CDP, Inc.
Channel Textile
Clause Warehouse
Creative Response
Crystal Clear Industries
Dane Paper Board Cartons, Inc.
Decor Structure
Dersyshire - Mayflower
John Deere Technologies
Form-Master
Hal-Monte Warehouse
Macabe Moving & Storage
Plastic Reel Corp.
J. Rabinowitz
Ready Reference Publishers
Robert Mfg. Co.
Shire Mfg. Corp.
Stacy Industries
Vertientes Ltd. Corp.
Westwood Industries

American Tissue Corp.
Fabrite Laminating Corp.
Mailco, Inc.
Garden State Paper Co.
Top Priority Designs
Rotary Power International, Inc.
Springfield Instrument Co.
Roseart Industries, Inc.
Continental Cap Import Corp.
Dannex Mfg.
Outwater Plastics
Carillons Mills, Inc.

State of Delaware
Office of the Secretary of State

I, DANIEL R. GRIFFITH, ACTING SECRETARY OF STATE OF THE
STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND
CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "CURTISS-WRIGHT
CORPORATION" FILED IN THIS OFFICE ON THE EIGHTH DAY OF MAY, A.D.
1987, AT 2:30 O'CLOCK P.M.

* * * * *





ACTING SECRETARY OF STATE

AUTHENTICATION: *3748107

DATE: 01/19/1993

723019087

847360075

CERTIFICATE OF AMENDMENT
OF
RESTATED CERTIFICATE OF INCORPORATION

* * * * *

CURTISS-WRIGHT CORPORATION, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That at a meeting of the Board of Directors of CURTISS-WRIGHT CORPORATION held on February 12, 1987 resolutions were duly adopted setting forth a proposed amendment to the Restated Certificate of Incorporation of said corporation, declaring said amendment to be advisable and calling a meeting of the stockholders of said corporation for consideration thereof. The resolution setting forth the proposed amendment is as follows:

"RESOLVED, that the Board of Directors hereby deems it advisable and in the best interests of the Corporation to amend the Restated Certificate of Incorporation of the Corporation by the addition thereto of Articles 7 and 8, in the form submitted to the meeting as Exhibit "A" and attached hereto and made a part hereof."

Articles 7 and 8 set forth on Exhibit A attached to said resolution read as follows:

"7. To the fullest extent permitted by the Delaware General Corporation Law as it presently exists or may hereafter be amended, no director of the Corporation shall be liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director. Neither the amendment nor repeal of this Article 7, nor the adoption of any provision of the Certificate of Incorporation of the Corporation inconsistent with this Article 7, shall eliminate or reduce the effect of this Article 7 in respect of any act or omission of any director of the Corporation or any matter occurring, or any cause of action, suit or claim that, but for this Article 7, would accrue or arise, prior to such amendment, repeal or adoption of an inconsistent provision.

8 a. Each person who was or is made a party or is threatened to be made a party to or is involved in any claim, action, suit or proceeding, whether civil, criminal, administrative, investigative or other (hereinafter a "proceeding"), by reason of the fact that such person, or a person of whom such person is the legal representative, is or was a director, officer or employee of the Corporation or is or was serving in the course of such employment, or at the request of the Corporation, as a director, officer, employee or representative of another corporation or of a partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, whether the basis of such proceeding is alleged action or inaction in an official capacity as a director, officer, employee or representative or in any other capacity while serving as a director, officer, employee or representative, shall be indemnified and held harmless by the Corporation to the fullest extent authorized by the Delaware General Corporation Law, as it presently exists or may hereafter be amended, against all expense, liability and loss (including attorneys' fees, judgments, fines, excise taxes or penalties and amounts paid or to be paid in settlement) reasonably incurred or suffered by such person in connection therewith and such indemnification shall continue as to a person who has ceased to be a director, officer, employee or representative and shall inure to the benefit of such person's heirs, executors, administrators and other legal representatives: provided, however that, except as provided in paragraph b of this Article 8, the Corporation shall indemnify any such person seeking indemnification in connection with such a proceeding (or part thereof) initiated by such person only if such proceeding (or part thereof), or the initiation thereof, was authorized or approved by the Corporation. The right to indemnification conferred in this Article 8 shall be a contract right and shall include the right to be paid by the Corporation the expenses incurred in defending any such proceeding in advance of its final disposition in accordance with and to the fullest extent permitted by the Delaware General Corporation Law, as it presently exists or may hereafter be amended.

b. If a claim under paragraph a of this Article 8 is not paid in full by the Corporation within thirty (30) days after a written claim has been received by the Corporation, the claimant may at any time thereafter bring suit against the Corporation to recover the unpaid amount of the claim and, if successful in whole or in part, the claimant shall be entitled to be paid also the expense of prosecuting such claim. It shall be a defense to any such action (other than an action brought to enforce a claim for expenses incurred in defending any proceeding in advance of its final disposition where the requirements of the Delaware General Corporation Law have been complied with by the claimant) that the claimant has not met the standards of conduct which make it permissible under the Delaware General Corporation Law for the Corporation to indemnify the claimant for the amount claimed, but the burden of proving such defense shall be on the Corporation. Neither the failure of the Corporation (including

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its Board of Directors, independent legal counsel, or its stockholders) to have made a determination prior to the commencement of such action that indemnification of the claimant is proper in the circumstances because the claimant has met the applicable standard of conduct set forth in the Delaware General Corporation Law, nor an actual determination by the Corporation (including its Board of Directors, independent legal counsel, or its stockholders) that the claimant has not met such applicable standard or conduct, shall be a defense to the action or create a presumption that the claimant has not met the applicable standard of conduct.

c. The rights conferred by this Article 8 shall not be exclusive of any other right which any person may have or hereafter acquire under any statute, provision of the Certificate of Incorporation of the Corporation, By-Law, agreement, vote of stockholders or disinterested directors or otherwise.

d. The Corporation may maintain insurance, at its expense, to protect itself, its subsidiary and affiliated corporations, and any such director, officer, employee or representative of the Corporation or another corporation, partnership, joint venture, trust or other enterprise against any such expense, liability or loss, whether or not the Corporation would have the power to indemnify such person against such expense, liability or loss under the Delaware General Corporation Law."

SECOND: That thereafter, pursuant to resolution of its Board of Directors, the annual meeting of the stockholders of said corporation was duly called and held on May 8, 1987, upon notice in accordance with Section 222 of the General Corporation Law of the State of Delaware at which meeting the necessary number of shares as required by statute were voted in favor of the amendment.

THIRD: That said amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said CURTISS-WRIGHT CORPORATION has caused this certificate to be signed by T. Roland Berner, its President, and attested by Francis E. Fallon, its Secretary,

847360078

this 8th day of May 1987.

CURTISS-WRIGHT CORPORATION

T. Roland Berner
T. Roland Berner
President

ATTEST:

Francis E. Fallon
Francis E. Fallon
Secretary

847360079

EXHIBIT 14(f)

847360080



Company Profile

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The Spirit of Innovation

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[1959-68](#) | [1969-78](#) | [1979-88](#) | [1989-98](#) | [1999 and Beyond](#)

The First Flight

On December 17, 1903, amid the dunes of Kitty Hawk, North Carolina, Wilbur and Orville Wright achieved one of civilized man's fondest dreams - flight. It lasted only twelve seconds, but that brief flight of a manned, heavier-than-air machine ushered in the age of aviation. Ironically, this milestone, which marked one of the greatest advancements in the history of man, was witnessed by only a handful of people and was largely overlooked by most newspapers of the day. We express thanks and gratitude to Orville and Wilbur Wright, Glenn Curtiss, and the other early pioneers of aviation who took those first steps.



The Early Years



The Wright brothers perfected their design to the point where they could sustain flights of 24 miles in which they could turn and do "figure eights." But in 1905, when the Wright brothers offered their invention to the United States army, they were rejected without any consideration. Even the patent office was skeptical; an application filed in 1903 was finally approved and granted in 1906 for a "flying machine."

In 1909, the first great international aviation meet was held in Rheims, France. Sure of victory, the Wright brothers entered three planes in hopes of dominating the event. A young unknown won the competition. His name was Glenn Curtiss.

As a result of Glenn Curtiss' early success, The Curtiss Aeroplane and Motor Company became the largest aircraft manufacturer in the world during World War I and went public in 1916 with Curtiss as president. Curtiss had become the world's largest aviation company, employing 18,000 at its Buffalo facility and 3,000 at its Hammondsport, New York location. They produced 10,000 aircraft during World War I, more than 100 in a single week.



than 100 in a single week.

World War I greatly accelerated the pace of airplane development worldwide; speed, range and reliability constantly increased together with a newly emerging engineering discipline, aerodynamics, that would guide airplane development forever after.



When Wright Aeronautical was incorporated in 1919, its charter was the design and manufacture of aero engines. Although the Wright brothers were no longer in with the company (Wilbur had died and Orville had other interests), it can be said that the Wright Aeronautical engine tradition began with the first Wright brother engine in 1903.

Most engines of the period were water-cooled and suffered frequent cooling failures. Radiators came apart; porous engine castings, lines, hoses and gas leaked. Failure rates were of great concern, particularly to the Navy where overwater flying was more hazardous. Wright did some work with air-cooled engines for the Army, but success came when the company developed a relationship with Charles J. Lawrance.

The Lawrance Aero Engine Corporation bore his name. Lawrance was an engineer devoted to the development of air-cooled radial engines. He had started the development of a series of promising engine designs and demonstrated a working model to the Navy. With a union between Lawrance and Wright, Lawrance could provide technical leadership and Wright its formidable financial, engineering and manufacturing resources. Wright bought his company and installed him as Chief Engineer, starting what would be their principal business for the next 40 years.

After purchasing the Lawrance Aero Engine Corporation, Wright Aeronautical was able to successfully design and build the J-5C Whirlwind. It had 9 cylinders; was light at 510 lbs.; had no water-cooling appurtenances. It was simple and easy to maintain. The Whirlwind developed 220 HP at 1800 rpm, a low speed that contributed to its reliability.

Wright Aeronautical now had a first-class product and looked for a way to advertise the engine and show it to the world. On May 20, 1927, a sleek Ryan monoplane named "The Spirit of St. Louis" took off from Roosevelt Field in New York. Pilot Captain Charles A. Lindbergh, the little plane touched down at Le Bourget Airfield, Paris, France, 33 hours, 39 minutes and 3,610 miles later. The powerplant was performed flawlessly on this epic journey: a Wright J-5 Whirlwind, Engine No. 7331.

Lindbergh's story is aviation history. Lindbergh's flight was an international triumph for Wright Aeronautical. The Whirlwind engine never missed a beat. Lindbergh's feat made the J-5C the most popular engine for long distance air travel. Soon flights were made to Europe, to the North and South poles and across the Pacific with Whirlwind power.

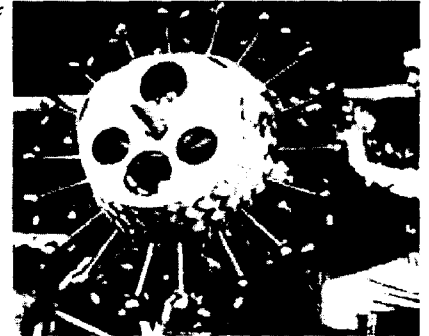
As a result of the successes of the pioneers of the aviation industry, Curtiss-Wright Corporation was formed from the merger of 12 Wright and Curtiss affiliated companies on July 5, 1929. On August 22nd of that same year, Curtiss-Wright Corporation was listed on the New York Stock Exchange where it still trades today. ([back to top](#))

Through the Decades

1929-38

Curtiss-Wright's first decade saw the seeds of its corporate evolution being sown.

The Company made advances in aircraft engines. In its engine development of the 1930's, Curtiss-Wright pioneered such innovations as forged aluminum pistons, the dynamic damper which absorbed crankshaft vibration, finned cylinder heads for cooling, and nitrided cylinder barrels, a metallurgical process which gave vastly improved wear resistance and life. Curtiss-Wright pioneered the concepts of air-cooled engine as well as the radial engine. By the end of the decade, Curtiss-Wright engineers pushed horsepower per engine above the 1,000 mark. The Cyclone Engine powered the venerable Douglas DC-3 transport, a potent combination that opened up the United States Airline Transportation System before World War II. In 1934, Curtiss-Wright was chosen to build the 9 cylinder radial engines for the four-engine B-17 Flying Fortress



Curtiss made advancements in the development of propeller design with the variable pitch propeller, the hollow-steel propeller, and the concept of "feathering" a propeller from an inactive engine to prevent engine rotation.

In 1937, the Curtiss P-36 Hawk Fighter Plane was developed, tested and accepted by the United States Army. It resulted in the largest peacetime aircraft order ever given by the Army Air Corps. ([back to top](#))

1939-48

As war clouds formed in Europe, the Armed Forces of the United States began to accelerate defense preparations and Curtiss-Wright played a major part in the production of armaments for the war effort. Curtiss-Wright's incredible record of mass production, scale-up and management during World War II is a matter of documented history.



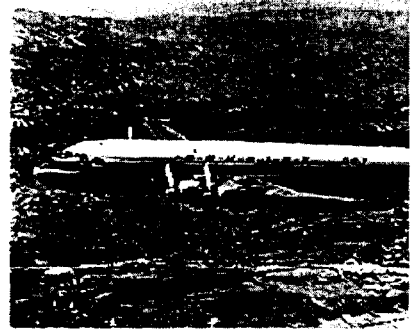
The famous P-40 Warhawk

In 1940, Curtiss-Wright introduced the famous P-40 War Hawk, which through December, 1944 was to have a production run of 13,738 planes and serve with distinction in the Armed Forces of 28 nations during World War II. Curtiss-Wright's aggregate war score included 142,840 aircraft engines; 146,468 electric propellers; 29,269 airplanes which included the Curtiss Commando transport and the Navy dive bomber, the Hellcat.

During the war effort the company had been required to place its focus on the development and mass production of reciprocating engines and propellers. With the jet age dawning, the company withdrew from military airplane competition. ([back to top](#))

1949-58

The incredible growth of commercial aviation in the decade following World War II again placed tremendous demand on Curtiss-Wright's capability to provide reliable reciprocating engines and propellers. Curtiss-Wright engines powered the mainstays of commercial aviation in the fifties; planes like the Douglas DC-7 and Lockheed Super Constellation. Military demands for jet engines took Curtiss-Wright into that field and the J-65 engine enjoyed a long production run.



The Douglas DC-7 with Curtiss-Wright engines.

In the early and mid fifties, Curtiss-Wright combined the wisdom gained from airplane design with the new science of electronics and pioneered the development of flight simulators for military and commercial aircraft.

Sooner than anyone could have predicted, commercial aviation pushed into the jet age. Public enthusiasm for the speed and comfort of such planes as the Boeing 707 and Douglas DC-8 began to ring down the curtain on the reciprocating engine and the propeller. With this change in technology, Curtiss-Wright accelerated its activities to become a more diversified company and reduce what had been a historical dependency on the aviation industry. We were involved early on in the development of the plastics industry as a manufacturer of plastics used for industrial, household and personal products. The Company had an electronic business segment and also produced military nuclear rod control equipment. Other business included automotive components, heavy road earth moving equipment, a metal extrusion facility and the distributorship of Mercedes-Benz automobiles in the United States. ([back to top](#))

1959-68

Curtiss-Wright's transition from an overdependence on mature products such as reciprocating engines and propellers to the balanced multi-market, multi-national structure in existence today truly began to accelerate in the sixties. While Curtiss-Wright continued to support military and commercial users of their reciprocating and jet engines, and propellers, with parts and overhaul services, a new management team began to push the technological capabilities of Curtiss-Wright into new and allied growth markets. While the Company became involved in a number of businesses during the coming years, it was during this decade that the cornerstones of what the Company is today were put into place.

As the space program began to form, Curtiss-Wright was able to bring its skilled metalworking to bear on that new and growing area. The Company took on the role of major subcontractor, and developed the equipment and sophisticated methods for the mass production of precision-machined rocket motor cases and exhaust nozzles.

Decades of expertise in precision design, engineering and machining in propulsion and transmission systems were redirected to the engineering and production of mechanical, hydraulic and electro-mechanical control and actuation systems for aerospace and defense applications. This was the beginning of what is today

Motion Control business segment.

With the acquisition of Target Rock Corporation in 1961, the Company laid the foundation of what is now our Flow Control business segment. With this addition, Curtiss-Wright moved into the highly specialized field of safety and relief valve use in United States Navy nuclear propulsion systems on nuclear submarine aircraft carriers. This market entry was broadened in 1967 when Target Rock Corporation received their first order for valves for a commercial nuclear power plant - an offshoot of their original military programs.

The Company's Metal Treatment business segment began with an acquisition in 1968 that took the corporation into the industrial service field. Metal Improvement Company, which provided shot-peening and shot-peen forming services to industrial and aerospace customers, had only three plants at the acquisition. ([back to top](#))

1969-78



The Mazda RX-7

The decade of the seventies saw Curtiss-Wright move forward in a number of areas of emerging and innovative technology.

The Company owned the North American rights to the Wankel Rotary Engine and development was carried on. It finally came into its own at the end of the 1970's, powering the highly successful

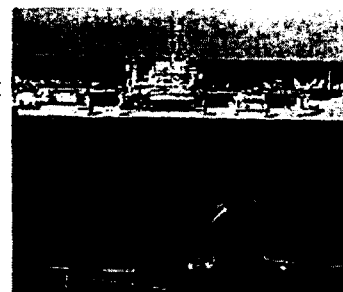
Mazda RX-7 sports car, and adapted by Ingersoll-Rand for a series of highly efficient rotary compressors. New strides in the clean and economical combustion of oil and coal waste products for the generation of electricity and process steam are being achieved by Curtiss-Wright engineers and scientists. ([back to top](#))

1979-88

Through its Target Rock subsidiary, supplier of valves for nuclear applications to the US Navy and the commercial nuclear power industry, Curtiss-Wright entered the commercial fossil power market in 1980 for similar critical steam valve applications.

Curtiss-Wright's aircraft engine maintenance, repair and overhaul business was transformed over the years. With the decline of Curtiss-Wright's engine business, the Company redirected the skills and physical facilities of its overhaul business to refurbishing and rebuilding industrial gas generators, which were essentially derivatives of jet engine technology.

The strong growth in commercial aviation and airline traffic was underlined by two significant multi-year projects involved in by Metal Treatment business segment. They would peen-form wing skins for the complete family of McDonnell-Douglas commercial transports. They would also provide peen-forming services to the British Aerospace/Airbus Industrie consortium for that family of air transports including the new



generation A-320 and the proposed A-330 and A-340 wide bodies.

At the end of the eighties, our Flow Control segment was heavily oriented toward the US Navy Nuclear Propulsion Programs while only a small portion of shipments were to the Commercial Nuclear, and, to a lesser extent, Fossil Power Industries. During the 1980's and into the 1990's, the US Navy continued to apply cost reduction and increasing quality requirements while construction of nuclear submarines had ramped down rapidly from prior levels. In response to the production rate reductions, the Company looked to expand into related products and markets. (back to top)



1989-98

The unprecedented replacement cycle of the world airline industry coupled with increased traffic growth and new routes combined to swamp the three major commercial airframe manufactures - Boeing, McDonnell-Douglas and Airbus Industrie - with new orders. At the time, Curtiss-Wright supplied actuation and control systems and components to Boeing for the 737, 747 and 757 programs. Peen-forming of wing skins for commercial programs at Boeing, McDonnell-Douglas and Airbus Industries was being performed. Curtiss-Wright now possessed some of the most technologically advanced capabilities in our industry to design and manufacture, or form aerospace components.



However, developments in the military and commercial aerospace industry provided some cause for concern. Improvements in East-West relations and the growing pressure to reduce the Federal deficit resulted in a reduction in military spending by the US Government. A slowdown in the commercial airline industry led to declines in commercial airline ridership and reduced orders for new aircraft. These changes in the aerospace/defense industry in the 1990's required participants to re-examine how they would conduct business in the future with one result being a consolidation movement within the industry that is, to some extent, still in progress. While production rates of commercial aircraft eventually began to increase, there would be few new commercial and military aircraft programs. Under these circumstances, the ability to gain position on these programs becomes increasingly important. In order to deal with the cyclical nature of the industry, Curtiss-Wright expanded into the overhaul servicing of the Company's manufactured transmissions and actuators primarily for the wing-flap systems. In 1996, we acquired a maintenance repair and overhaul business from Aviall and became a complete overhaul and repair provider by expanding our capabilities to include other aircraft components and systems.





In 1995, as a result of the Company's diversification efforts, our Flow Control business segment commenced shipments of multiple valve programs for the Korea commercial nuclear power generation construction program which included safety relief valves, solenoid valves and motor operated valves. In addition, we expanded the products we could offer our commercial nuclear customers when we acquired Enertech in 1998. In addition to marketing our own products, Enertech is also a distributor for other manufacturers. When added to Flow Control's existing line, we were now fully equipped to meet the needs of our customer base.

Another sign of our diversification efforts was the 1998 acquisition of Curtiss Drive Technology by our Motion Control business segment. Drive Technology designs and manufactures drives and suspension systems for armored military vehicles and tilting systems for high-speed railway car applications. Headquartered in Switzerland, its addition not only introduced us into these new markets but also provided us with hydraulic and electronic capabilities that are applied to the Company's aerospace product lines. ([back to top](#))

1999 and Beyond

Curtiss-Wright is now diversified across three business segments with a fairly equal sales distribution. Sales generated from providing services are about equal to those generated from manufacturing products. Our activities in the aftermarket have grown and we have expanded globally with respect to both our customer base and facility locations. Curtiss-Wright is now diversified in many aspects and is no longer dependent on any one customer or exposed to the cyclical nature of any single market segment. As a result of our strong financial performance, Curtiss-Wright was selected to be included in Forbes magazine's list of America's 200 Best Small Companies for 1999 and Aviation Week magazine's list of Best-Managed Small Companies.

**CURTIS
WRIGHT**

In the course of over seventy years, Curtiss-Wright Corporation has successfully and successfully, transformed itself from an airplane company to an airplane company, to a diversified, multi-industry, multi-national concern, as shown in the link below.

[Curtiss-Wright - At A Glance](#)

Motion Control - Curtiss-Wright's formidable capabilities in this segment have evolved from its base business as a supplier of actuation and control components for the movement of aircraft surfaces to include aftermarket support of aerospace components and systems and the design and manufacture of non-aerospace control technologies and systems. As a result of our effort to participate in the entire life cycle of aerospace components and systems, Curtiss-Wright has expanded its MRO operations into a \$50 million business with services provided from four locations, serving more than 550 airlines and airfreight haulers.

Metal Treatment - MIC, which was founded in 1945 and acquired by Curtiss-Wright in 1968 with only 3 facilities, recently expanded its operations with the

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...in 1998 with only 3 facilities, recently expanded its operations with the acquisition of Alpha Heat Treaters (Alpha), a division of Alpha-Beat Industries in 1998 and Metallurgical Processing, Inc. (MPI) in 1999. Alpha provides a number of metal-treatment services to a broad spectrum of customers from its York, PA facility. MPI, located in Fort Wayne, Indiana, provides a number of metal-treatment services primarily to the automotive and industrial markets. As a result of its sustained and disciplined growth, MIC now offers shot-peening, peen forming and heat treating services to an active base of over 5,000 customers and operates regional facilities covering most of North America and many of the major markets in Europe.

Flow Control - Beginning with the acquisition of Target Rock in 1961, this segment is well-known for its highly engineered, leakless valves for nuclear power generation applications. Through the acquisition of EnerTech in 1998, we improved our distribution capabilities to the nuclear industry as well as the breadth of our product lines. In 1999, through the acquisition of Farris Engineering, a supplier of pressure-relief valves to the process industry, we significantly expanded our reach to include the chemical, oil and gas and pharmaceutical industries. As we have expanded this segment, we have maintained our strong support relationship with the US Navy. ([back to top](#))

Further Reading on Curtiss-Wright and Aviation History

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